

Boilers: Market Research Report

<https://marketpublishers.com/r/B6B92602DA5EN.html>

Date: October 2011

Pages: 653

Price: US\$ 4,500.00 (Single User License)

ID: B6B92602DA5EN

Abstracts

This report analyzes the worldwide markets for Boilers in Mega Watts (MW), Tons of Steam per Hour (TSPH), and US\$ Million by the following Product Segments: Power/Utility Boilers, and Industrial Boilers.

The major product types for US and Canada analyzed are Electric Boilers, Fire-Tube Boilers, and Water-Tube Boilers.

The specific end-use segments discussed include Oil & Gas Industry, Chemical Industry, Food & Beverage Industry, Building & Construction Industry, and Other Industries.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East, and Latin America.

Annual estimates and forecasts are provided for the period 2009 through 2017.

A six-year historic analysis is also provided for these markets.

The report profiles 266 companies including many key and niche players such as Alfa Laval Aalborg, ALSTOM SA, Alstom Power Generation, ANDRITZ Energy & Environment, Bharat Heavy Electricals Ltd, Doosan Heavy Industries & Construction Co Ltd., Foster Wheeler AG, Harbin Power Equipment Company Limited, Hitachi Ltd, Babcock-Hitachi K.K., McDermott International, Inc., The Babcock & Wilcox Company, Metso Power, Mitsubishi Heavy Industries, Ltd., Miura Co Ltd., Takuma Co Ltd., Thermax Limited, and Wellman Robey Limited.

Market data and analytics are derived from primary and secondary research.

Company profiles are mostly extracted from URL research and reported select online sources.

Contents

1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study
Classification Based on End-Use and Capacity
Utility Boilers
Industrial Boilers
Classification Based on Movement of Water and Combustion Gas
Firetube Boiler
Water-Tube Boilers
Commercial Water-tube Boilers
Industrial Water-tube Boilers
Electric Boilers

2. INDUSTRY OVERVIEW

Global Market Outlook
Boilers Industry Recovers, Following a Slowdown in New Orders during Recession
A Recapitulation of Key Trends and Issues
Power Generation Remains the Driving Force
Fuel Diversification Spurs Growth
Asian Power Market Focuses on Supercritical Technology
CFB Boilers Witness Growing Demand
Repair Undertakings Spur the Boilers Market
Lack of Skilled Labor: A Major Concern
South Africa Boiler Market Witnessing Strong Growth
Competitive Landscape

Table 1. World Boilers Market by Leading Players (2010): Market Share Breakdown for Hitachi, Alstom, Doosan, Foster Wheeler, Babcock and Wilcox, Harbin, and Others (includes corresponding Graph/Chart)

3. PRODUCT OVERVIEW

Boiler Technology The Evolution
Constituents of a Boiler System
Types of Boiler Systems
Classification Based on Movement of Water and Combustion Gas
Firetube Boiler
Water-Tube Boilers
Electric Boilers
Classification Based on End-Use and Capacity
Utility Boilers
Industrial Boilers
Industrial Boilers A Fact File
Commercial Boilers
Classification Based on Heat Source
Coal-Fired Systems
Fluidized-Bed Combustion Boilers
Bubbling Fluidized Bed Boilers
Circulating Fluidized Bed Boilers
Pulverized-Coal (PC) Boiler Systems
Select End-Use Industries
Electric Power Generation
Pulp & Paper

4. REGULATORY ISSUES

Regulatory Overview in the US and Europe
Emissions Regulations in the US and Europe: A Comparison
Emission Problems & Solutions
Changes in Pressure Equipment Design Codes & Standards and Regulations
Burner Modification Technology
Reburning Technology

5. PRODUCT/SERVICE INTRODUCTIONS

MHS Boilers Launches THISION L
Ferroli Introduces DOMIproject D
Heatline Launches CaprizPlus
Lochinvar Launches Innovative Wall Mount Boiler
Lochinvar® Introduces Crest® Condensing Boilers

CTC to Launch Innovative Wood Boilers
Calomax Introduces Eclipse Water Boilers
MHS Boilers Launches Ecocond
Alternate Heating Solutions Introduces Coal Gun™ Coal Stoker Boiler
Vokera Introduces Linea One
Hamworthy Heating to Introduce Fleet Brand Condensing Boilers
IGCAR Plans to Develop Super-Critical Boilers
Bryan Steam Launches High-efficiency Triple-Flex Condensing Boilers
Miura Launches LX-300 Boilers
Woodpecker Energy Introduces Woodpecker Thermon 150 kW Biomass Boilers
Smith Cast Iron to Launch GSX Series Residential Boilers
ECR Launches 97gb Boilers
AERCO Launches Esteem 399 Condensing Boiler
MHS Boilers Launches Biomass Boilers
Windhager Introduces VarioWinWood Pellet Boilers
Hoval Launches 1MW Boiler
Glow-worm Launches Ultracom2 Range of Boilers
Sussman Unveils SSB Steam Boiler with Safety Feature
Energetix Launches Micro-CHP Boiler Appliance
SBW Launches Senergy Boiler Range
AERCO International Launches Benchmark 2.0 Low NOx
Loos International Rolls Out UNIVERSAL Modular Boiler U-MB Steam Boiler Range
Wood Energy Introduces Hargassner Biomass Boiler in the UK
Macro Beverages and Barista Winner Jointly Launch UberBoiler
Nalco Launches 3D TRASAR® Boiler Technology in New York
Worcester Rolls Out Longer Flue Lengths for Greenstar CDi Boiler Series
All Seasons Hire Launches Latest Containerized Portable Boiler Range
Patterson-Kelley Unveils Modu-Fire 3000MFD Boiler
Victory Energy Launches SolarGen Range of Boilers
Bryan Steam Launches Flexible Water Tube Water Boilers
Miura Launches Industrial Steam Boilers
The Water Cooler Company Extends Water Boilers Range
Harsco Introduces MACH® C2500 Boiler
Superior Boiler Works to Launch New Boiler
Lochinvar® Unveils KNIGHT XL Commercial Boiler
Cheema Boilers Launches Slop Fired Boiler
Hurst Boiler Introduces Hurst Reciprocating Grate Stoker
Instanta Launches Under-Counter Boilers
Potterton Launches Two Novel Boilers

Baxi Launches LPG Version of Baxi Duo-tec Combi 28 HE
Ferroli Extends Optimax HE Series
Dimplex Introduces Oversink Water Heaters of V-Range
Baxi Showcases Ecogen
Ferroli Introduces 125kW and 80kW Econcept Band A Boilers
Lincat Launches Filter Flow Boilers
Mestek Unveils Ray™ Boiler
MHS Boilers Introduces UltraMax R600
Viessmann Rolls out Two New Boilers
Range Cylinders Launches Range Senator Electric Flow Boiler
MHS Boilers Introduces Xpressflo
ECA Heating Unveils Confeo Premix Combi Boilers
British Gas to Launch Micro-Combined Heat (micro-CHP) Boiler
BHL. co. uk Launches Worcester Bosch's Novel Range of Gas-Fired Boilers
Lochinvar Unveils SYNC Condensing Boiler

6. PRODUCT/SERVICE LAUNCHES IN THE RECENT PAST - A PERSPECTIVE BUILDER

Clyde Energy Launches a Range of Wood-Pellet Boilers
American Standard Introduces New Gas- and Oil-Fired Boilers
Ferroli Unveils New Optimax HE Boiler
Total Separation Solutions' Pyros Series 1 Heater
Saunier Duval Launches Isofast Condense F35e
Praxair's Low-NOx Technology to Reduce NOx Emissions
BOC's Lotox Technology Minimizes Smog-Forming Pollutants
AI Introduces New Portable Combustion Analyzer
Krueger's Waste Heat Boiler to Optimize Plant Energy
ADA-ES Unveils New Specialty Chemical Product
ONDEO Nalco Unveils an Improved Antiscalant for Boiler Water
World's First Hand-Held Battery-Operated Fluorometer Launched
B2B Web Site for Boiler Industry
Chugoku Unveils New Boiler Technology

7. RECENT INDUSTRY ACTIVITY

A. O. Smith Takes Over Lochinvar Corporation
Alstom Projects India and Shanghai Electric Group to Enter into Joint Venture
CCA Signs Exclusive Agreement with Nationwide Boiler

L&T-MHI JV Unveils Turbines and Boilers Manufacturing Facilities
Alfa Laval Acquires Aalborg Industries
Doosan Heavy Industries Acquires AE&E Group's Boiler Manufacturing Plant in Chennai
Cleaver-Brooks Takeovers Cheminee Lining
MHI Enters into Licensing Agreement with Jiujiang Haitian Equipment
Harris Pye Enters into Boiler Technology License Agreement with TEi
Baring India Acquires Minority Stake in Cethar Vessels
BGR Energy to Form Two JVs with Hitachi for Turbine, Boiler Units
Thermax India Acquires Danstoker and Omnical Kessel
Ariston Thermo Acquires MHS Boilers
Heat Transfer Solutions Takes Over SR & B Boilers
DP CleanTech Builds Manufacturing Facility in Poland
BrightSource Energy and Riley Power Sign Contracts
Plumbase Enters Partnership with Intergas
The Sandri Companies, Signs Strategic Partnership with New England Wood Pellet and Acquires Propell Energy
NBPPL Forms Collaboration for the Manufacture of Turbines and Boilers
Babcock & Wilcox Beijing Company Enters Building Contract
AGL Energy Acquires Boilerland
Areva Acquires Ausra
Thermax Enters into Joint Venture with Babcock & Wilcox Power Generation
MHI Bags Boiler and Steam Turbine Contract from Mahagenco
MHI Bags Boiler and Steam Turbine Contract from JPVL
Cethar Secures Technology for Super-critical Boilers from Siemens
SSOE Group Takes Over Orbital Technical Solutions
Bharat Heavy Electricals to Buy TGR
Capstone Turbine Signs Agreement with PowerTherm Systems
NTPC Enters into Joint Venture with BHEL
De Dietrich Remeha to Take Over Baxi
Alternative Petroleum Technologies Enters into Joint Venture with Navipac
EM Alliance to Enter into Joint Venture with Howden
B&W PGG Inks Boiler Replacement Contract with University of Missouri
B&W Volund Inks Boiler Contract with Forus Energigjenvinning
B&W Volund Signs Boiler Contract with Oresundskraft
Wellman Robey Receives Boiler Orders from Three Hospitals
Miura Establishes Boiler Plant in the US
Toshiba and Jindal South West to Establish Power Equipment Plant
L&T-MHI to Commence Operations

Ceres Power Inks an Agreement with Daalderop
Foster Wheeler to Set Up CFB Boiler Island for ZE PAK
Bosch Group to Purchase Loos Deutschland
Coastal Energen Enters into Supply Agreement with Harbin Power
Wuhan Boiler Purchases Additional Stake in Wuhan Lanxiang Resources
Forbes Marshall Forges Joint Venture with Vyncke Energietechnik
Energetix Enters into Commercial Agreement with Daalderop
Baxi Group Collaborates with Zenex
Alstom Bags Supply Contract from RWE Power
Metso to Supply Power Boiler to PGE Zespól Elektrowni
EMAlliance Clinches Manufacturing and Supply Contract from Azarab Industries
Alstom to Establish New Plants in China
Babcock & Wilcox Receives Refurbish Contract from Marubeni
Global Power Group Signs License Agreement with BGR Boilers
Wellman Robey Installs New Boilers for Ministry of Defense in the UK
Alstom Inaugurates WBC
Johnson Matthey Acquires Assets of Applied Utility Systems
Larsen & Toubro Bags Supply Contract from Jaiprakash Power Ventures
BHEL Bags Supply and Installation Order from NTECL
James Frew Inks Partnership Agreement with North Ayrshire Housing Association
Biasi and Atonmash Plant Enter into Agreement
Bharat Heavy Electricals to Expand Tiruchirappalli and Ranipet Units
Jaypee Group and L&T-MHI Enter into Supply Agreement
Quaker Oats Sets Up Two Miura Steam Boilers
Metso to Provide Biomass Boiler Plant to AKAB in Sweden
Metso to Supply Novel Power Boilers to SAICA
BWBC Bags Contract to Provide Two 600MW Boilers to Lilama
Metso to Provide Biomass Fired Boiler to PGE
Alstom Inks Two Turbine and Boiler Contracts with Grosskraftwerk
Metso to Transfer Business Operations to Mesekon Oy
Metso to Supply Biomass Boiler to Nacogdoches
B&W Canada Bags Boiler Supply Contract from Imperial Oil
Wellman Robey Bags Two Boiler Orders from Lea & Perrins and B. A. E Systems
Gammon Acquires Controlling Stake in Sofinter
Bosch Takes Over Servico from Kendrion
Bharat Forge to Enter into Joint Venture with Alstom
Alstom Enters into Contract with Raymond Saudi Arabia Ltd.
Alstom Inks Contract with Saudi Electricity Company
Babcock & Wilcox Bags Refurbish Contract from Solid Waste Authority

Kawasaki Plant Systems Receives Order from Itochu
Aalborg Industries Receives Supply Contract from LinHai Hangchang Shipbuilding
Alstom Bags Supply Contract from RWE Power
Austrian Energy & Environment Bags Supply Contract from Siemens Austria
BHEL Receives Supply Order from Andhra Pradesh Power Development
BHEL to Expand Boiler Plant Capacity at Trichy
Global Power Group Bags Supply Contract from E. ON Varme Sverige
Foster Wheeler Energia Receives Supply Contract from PETRONOR
Babcock & Wilcox Bags Supply Contract from Black Hills
Global Power Group Bags Supply Contract from Yuen Foong Yu Paper Manufacturing
Global Power Group Bags Supply Contract from Isolux and Tecna
Global Power Group Bags Supply Contract from Hanwha
Global Power Group Clinches Supply Contract from Shaw Group
Global Power Group Bags Supply Contract from Entergy Louisiana
Von Roll Takes Over KRB
Metso Enters into a Joint Venture Agreement with EPT Engineering Services
Arctic Green Energy Signs Agreement with Maine Energy Systems
AE&E Australia Bags a Contract from WR Carpenter No 1
Orascom and Babcock-Hitachi Sign Co-operation Agreement
Bharat Heavy Electricals to Manufacture Super Critical Boilers
Metso Power Bags Supply Order from Stora Enso Poland
General Electric to Purchase Minority Share in Hangzhou Boiler Group
Wuxi Huaguang to Sell Boiler Equipments to Wuxi Guolian Photoelectric Station
Reliance Infrastructure and Shanghai Electric Sign Strategic Cooperation Agreement
Tembec Installs Latest Biomass Boiler at Pulp Mill in France
Dongfang Electric Commences Operation of Coal Fired CFB Boiler
AEG Service to Commence Gas Boiler Business
Larson & Toubro to Expand Manufacturing Capacity
Toshiba to Establish Power Boiler Plant in India
Nationwide Boiler Signs Agreement with CRI Catalyst
Hitachi Power Systems Bags Supply Contract from Sandy Creek Power Partners
Aker Kvaerner Renamed as Aker Solutions
K Plant Supplies Coal Fired Boilers to NPC
Babcock & Wilcox Obtains a US\$70 million CFB Boiler Contract
BHEL Plans to Invest in Tiruchi Plant
Wartsila Completes Acquisition of International Combustion Engineering
Marubeni Acquires US-based PIC Group
Hitachi Obtains Y250 billion Contract for Six Boilers from ESKOM
Thermax Signs License Agreement with Babcock & Wilcox

Alstom Receives Repowering Contract
Miura Plans to Commence Boiler Production in the US
Centrica Takes Over Stake in Ceres Power

8. CORPORATE ACTIVITY IN THE RECENT PAST - A PERSPECTIVE BUILDER

L&T to Expand Engineering Manufacturing Unit and Set-up a Shipyard
Ansaldo Plans to Establish a Boiler Plant in Tuticorin, India
Teplovoye Oborudovaniye to Manufacture Boilers in Leningrad
Babcock Receives Contract from Prairie State
Goldenrock Railway Awards Order to Veessons for Locomotive Boilers
TAG Equity Acquires Vapor Power International
Austrian Energy Announces Plans to Acquire Major Stake in China-based Deltak
Praterm Acquires Eurobiomass Polska
EMAlliance Signs Supply Contract with OGK-6
Cethar Vessels to Upgrade Small Boilers Fabrication Plant in Tamil Nadu
Alstom Acquires 51% Stake in Wuhan Boiler Company
BHEL Secures a Major Turnkey Order from SAIL
Kawasaki Enters into a Joint Venture with Anhui Conch Group
Global Power Signs a Sales Agreement with AE&E to Sell Nanjing Boiler Unit
BHK Receives Power Boiler Contract from CEPC
BHEL Bags Mega Contract from APCPL
Foster Wheeler Secures a CFB Boiler Supply Contract from Jyvaskylan Energia
Foster Wheeler Secures CFB Boiler Supply Contract from Maoming
Foster Wheeler's Subsidiary Bags Boiler Contract
Hayes Lemmerz Divests MGG Group to ECF's Affiliate
Metso Secures Order for Biomass Power Boilers
Thermal Energy Signs MoU with JBPV
Tata Power Awards Contract to Doosan for its Mundra Project
Babcock Bags Contract from American Electric
Foster Wins a Contract from Kaukaan
Foster's Subsidiary Bags Contract from SRP
MHI and L&T to Set up a Joint Venture
Harris Pye Group Sold in a Management Buyout
BG Group Ceases Operations at Microgen
Alstom Plans to Expand Handling Capacity of Vadodara Repair Facility
Dongfang Electrical to Acquire Dongfang Boiler and Dongfang Turbine
Bharat Heavy Electricals to Acquire Domestic and International Companies
Wellman Robey Supplies Boilers to Furness General Hospital

Alstom Receives Contract for the Retrofit of Boiler
Wellman Delivers Boilers for a Hospital in Yorkshire
Borsig Group Acquires DIM Kraftwerks-Engineering
Foster Wheeler Wins a Contract from Votorantim Metais Niquel
Foster Bags Contract for Cam Pha Power Plant
Alstom to Expand Capacity in Durgapur Plant
Kawasaki Plant Systems to Supply Coal-Fired Boiler to Nippon Paper Chemicals
Foster Wins Contract from SINOPEC
MHS Boilers to Supply Strata Streamline Boilers to Ryhurst
Emas Makina Closes Deal with De Deitrich
Axis Industries Begins Installation of High-Capacity Steam Boilers in Belarus
Victory Energy Buys a Building in Cushing to Establish Installation Facility
RCR Tomlinson to Acquire Boilergenics
Foster Bags Contract for Boiler Plant in The Netherlands
Korean Investors to Build an Industrial Complex
Axis Signs a Deal with Ukrchimenergo for Biofuel Boiler Production
Mitsubishi Partners with Larsen & Toubro for Setting up Indian Boiler Plant
Ideal Stelrad Takes Over Keston Boilers
Warburg Pincus's Subsidiary, Caradon Plumbing, Acquires Keston Boilers
Foster Receives a Contract from Deven JSCo
Miura Commences Full Operations at the New Facility in Suzhou
Thermax to Establish an Additional Facility in Vadodara
Aker Kvaerner Agrees to Provide Recovery Boiler to Kymi Pulp Mill
Babcock & Wilcox to Supply Supercritical Boilers to TXU Corp
Babcock & Wilcox Signs MOU to Supply Eight Supercritical Boilers to TXU
Poyry Bags Contract from Glow Energy for Gas-Fired Boilers' Refurbishment
AEE Obtains Anti-Cartel Authority Approval to Acquire Alstom's IBP Units
Aalborg Industries Opens Vietnam's First Marine Boiler Facility
Vitkovice Heavy Machinery to Supply Boilers to CEZ Power Plants
Babcock & Wilcox Completes Shipment of Largest Ever Package Boiler
Miura To Invest in Kitajo Plant Renovation and Upgradation
Weil-McLain Completes Taishan Maeda Acquisition
Foster Bags a Contract from Soderenergi for a CFB Boiler Island
Foster Wheeler Signs a Contract Agreement with Etela- Pohjanmaan Voima Oy
Foster Wheeler Bags Contract to Supply Fluidized-Bed Boilers to Qingdao Refinery
Babcock & Wilcox Receives Coal-Fired Boiler Contract Worth over \$40 million
Controlled Energy Acquires Buderus Hydronic Systems from Buderus Heiztechnik
Foster Wheeler Receives Complete NTP from Poludniowy
KNM Acquires FBM-Hudson

Bradford White Inks Agreement to Takeover Laars Heating Systems
Alstom Signs Maintenance Contract with Narva
Foster Wheeler Receives Contract from SRP
Foster Wheeler to Supply CFB Boilers to Bechtel Power
B&W Signs Contract for 8 Boilers to TXU Corp.
AE&E Acquires Alstom's Industrial Boilers Business
Alstom to Build CO2-free Steam Generator
New Aalborg Factory in Vietnam
Thermax Bags Order for Auxiliary Boilers and Heat Recovery Steam Generator
BHEL Bags New Contract in India
BHEL to Expand Boiler Production Capacity
BAE Bags Steam Plant Boilers Upgrade Contract
Foster Wheeler to Supply Boilers to Tornion Voima
Foster Wheeler to Supply Boilers to SINOPEC
BHPV to Supply Boilers to HPCL
B&W to Supply Boilers to Black Hills Corporation
KNM Bags Order for Waste Heat Boilers
BHEL to install 500MW Power Plant in Sudan
Foster Wheeler Receives Contract from SINOPEC
Foster Wheeler to Provide CFB Boilers to Cleco Power
Foster Wheeler to Expand Chinese Facility
Doosan Restructures Operations, Enhances Capacity
Foster Wheeler to Install World's Largest Supercritical CFB Boiler Island in Poland
B&W and AAL to Jointly Develop Advanced NOx Control Technology
Foster Wheeler to Supply Package Boilers to BASF
Aker Kvaerner Acquires Majority Stake in Noviter Oy
B&W Bags New Contracts for Supply of Cyclones
Alstom and BHEL Sign Technology Transfer Agreement
Alstom Bags Contracts for 750MW Pulverised Coal-Fired Boilers
CB Industrial Enhances Stake in Subsidiary
Consortium Led by ALSTOM Secures a Major Contract in Saudi Arabia
Mostostal Zabrze Holding Wins a Contract from FISIA Babcock Environment
ALSTOM Receives a Contract to Build Power Plant in Singapore
Doosan Secures a Contract from Korea Southern Power
US Subsidiary of Foster Wheeler Garners a Contract from Bechtel Power Corp
Indeck Keystone Energy Acquires Keystone Energy A/S
Thermax Babcock & Wilcox Becomes a Wholly Owned Subsidiary of Thermax Ltd.
Babcock-Hitachi K. K. Acquires 90% Stake in Babcock Borsig Power Systems
CDT Joins Hands With CCA

Earth Sciences in Alliance with NORIT
ALSTOM Bags Deal from Reliant
Merloni TermoSanitari Acquires Boiler Interests of Preussag
Thermax and Cummins Join Hands
Contract for Foster Wheeler in China
Beel Industrial Boilers Installs Ten Boilers in Turkey

9. FOCUS ON SELECT PLAYERS

Alfa Laval Aalborg (Denmark)
ALSTOM SA (France)
ALSTOM Power Generation (USA)
ANDRITZ Energy & Environment (Austria)
Bharat Heavy Electricals Ltd. (India)
Doosan Heavy Industries & Construction Co Ltd (Korea)
Foster Wheeler AG (Switzerland)
Harbin Power Equipment Company Limited (China)
Hitachi Ltd (Japan)
Babcock-Hitachi K. K.
McDermott International, Inc. (USA)
The Babcock & Wilcox Company (USA)
Metso Power (Finland)
Mitsubishi Heavy Industries, Ltd (Japan)
Miura Co. Ltd. (Japan)
Takuma Co. Ltd. (Japan)
Thermax Limited (India)
Wellman Robey Limited (UK)

10. GLOBAL MARKET PERSPECTIVE

Table 2. World Recent Past, Current & Future Analysis for Power/Utility Boilers by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 3. World Historic Review for Power/Utility Boilers by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America

Markets Independently Analyzed with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 4. World 15-Year Perspective for Power/Utility Boilers by Geographic Region – Percentage Breakdown of Capacity Additions for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

Table 5. World Recent Past, Current & Future Analysis for Industrial Boilers by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 6. World Historic Review for Industrial Boilers by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 7. World 15-Year Perspective for Industrial Boilers by Geographic Region – Percentage Breakdown of Capacity Additions for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

Table 8. World Recent Past, Current & Future Analysis for Industrial Boilers in Oil & Gas Industry by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan) Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 9. World Historic Review for Industrial Boilers in Oil & Gas Industry by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 10. World 15-Year Perspective for Industrial Boilers in Oil & Gas Industry by Geographic Region – Percentage Breakdown of Capacity Additions for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets

for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

Table 11. World Recent Past, Current & Future Analysis for Industrial Boilers in Chemical Industry by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 12. World Historic Review for Industrial Boilers in Chemical Industry by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 13. World 15-Year Perspective for Industrial Boilers in Chemical Industry by Geographic Region – Percentage Breakdown of Capacity Additions for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

Table 14. World Recent Past, Current & Future Analysis for Industrial Boilers in Food & Beverage Industry by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan) Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 15. World Historic Review for Industrial Boilers in Food & Beverage Industry by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 16. World 15-Year Perspective for Industrial Boilers in Food & Beverage Industry by Geographic Region – Percentage Breakdown of Capacity Additions for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

Table 17. World Recent Past, Current & Future Analysis for Industrial Boilers in Building & Construction Industry by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently

Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 18. World Historic Review for Industrial Boilers in Building & Construction Industry by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 19. World 15-Year Perspective for Industrial Boilers in Building & Construction Industry by Geographic Region – Percentage Breakdown of Capacity Additions for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

Table 20. World Recent Past, Current & Future Analysis for Industrial Boilers in Other Industries by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 21. World Historic Review for Industrial Boilers in Other Industries by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam Per Hour for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 22. World 15-Year Perspective for Industrial Boilers in Other Industries by Geographic Region – Percentage Breakdown of Capacity Additions for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

11. THE UNITED STATES

A. Market Analysis

Overview and Outlook

Boiler Code Infringement: A Major Concern

US Industrial Boiler Market

Natural Gas: The Dominant Fuel Type for Industrial Boiler

Replacement and Retrofit Market to Drive Growth

Shift in Production Base Checks Growth in Industrial Boiler Market

Hot Water Boilers Dominate North American Institutional and Commercial Boilers Demand
CFB and BFB Boiler Markets Experiences an Upsurge
Imports-Exports

Table 23. US Exports of Boilers (2010): Percentage Breakdown of Value Exports by Boiler Type—Water Tube Boilers, Other Vapor Generating Boilers, Super Heated Water Boilers and Central Heating Boilers (includes corresponding Graph/Chart)

Table 24. US Imports of Boilers (2010): Percentage Breakdown of Value Imports by Boiler Type— Central Heating Boilers, Other Vapor Generating Boilers, Water Tube Boilers, and Super Heated Water Boilers (includes corresponding Graph/Chart)

Table 25. US Exports of Water-tube Boilers (More Than 45 TSPH) by Destination Country (2010): Percentage Breakdown of Value Exports for Canada, Mexico, Venezuela, Singapore, Russia, China, and Others (includes corresponding Graph/Chart)

Table 26. US Imports of Water-tube Boilers (More Than 45 TSPH) by Country of Origin (2010): Percentage Breakdown of Value Imports for France, Spain, Turkey, Canada, and Germany (includes corresponding Graph/Chart)

Table 27. US Exports of Water-tube Boilers (Below 45 TSPH) by Destination Country (2010): Percentage Breakdown of Value Exports for Canada, Mexico, Peru, Guatemala, Honduras, Albania, and Others (includes corresponding Graph/Chart)

Table 28. US Imports of Water-tube Boilers (Below 45 TSPH) by Country of Origin (2010): Percentage Share Breakdown of Value Imports for Canada, Finland, United Kingdom, Mexico, Sweden, Panama, and Others (includes corresponding Graph/Chart)

Regulatory Overview
Section 1 ASME Code
Recent Amendments in the ASME Code
EPA Standards
The Clean Air Act
Market Share Data

Table 29. Leading Players in the US Market for Fire-Tube Boilers (2010) - Percentage Breakdown of Value Sales for Cleaver Brooks, Hurst Boiler & Welding Co. , Superior Boiler Works, and Others (includes corresponding Graph/Chart)

Table 30. Leading Players in the US Market for Modular Boilers (Standard) (2010) - Percentage Breakdown of Value Sales by Company for Cleaver Brooks, Hurst Boiler & Welding Co. , Harsco Industrial Patterson-Kelley, Lochinvar Corp. , Columbia Boiler Company, and Others (includes corresponding Graph/Chart)

Product Launches

Strategic Corporate Developments

Focus on Select Major Players

B. Market Analytics

Table 31. The US Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 32. The US Historic Review for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 33. The US Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 34. The US Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 35. The US 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

Table 36. The US Recent Past, Current & Future Analysis for Boilers by Product Type – Electric Boilers, Fire-Tube Boilers, and Water-Tube Boilers Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 37. The US Historic Review for Boilers by Product Type – Electric Boilers, Fire-Tube Boilers, and Water-Tube Boilers Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 38. The US 15-Year Perspective for Boilers by Product Type – Percentage Breakdown of Value Sales for Electric Boilers, Fire-Tube Boilers, and Water-Tube Boilers Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

12. CANADA

A. Market Analysis
Current & Future Analysis
Imports-Exports

Table 39. Canadian Exports of Boilers (2010): Percentage Share Breakdown of Value Exports by Boiler Type– Central Heating Boilers, Water Tube Boilers, Other Vapor Generating Boilers, and Super Heated Water Boilers (includes corresponding Graph/Chart)

Table 40. Canadian Imports of Boilers (2010): Percentage Share Breakdown of Value Imports by Boiler Type– Central Heating Boilers, Water Tube Boilers, Other Vapor Generating Boilers, and Super Heated Water Boilers (includes corresponding Graph/Chart)

B. Market Analytics

Table 41. Canadian Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 42. Canadian Historic Review for Power/Utility Boilers Market with Annual

Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 43. Canadian Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 44. Canadian Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 45. Canadian 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

Table 46. Canadian Recent Past, Current & Future Analysis for Boilers by Product Type –Electric Boilers, Fire-Tube Boilers, and Water-Tube Boilers Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 47. Canadian Historic Review for Boilers by Product Type – Electric Boilers, Fire-Tube Boilers, and Water-Tube Boilers Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 48. Canadian 15-Year Perspective for Boilers by Product Type – Percentage Breakdown of Value Sales for Electric Boilers, Fire-Tube Boilers, and Water- Tube Boilers Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

13. JAPAN

A. Market Analysis
Current & Future Analysis

Table 49. Leading Players in the Japanese Market for Boilers (2010) - Percentage Breakdown of Value Production for Mitsubishi Heavy Industries, IHI Corp. , Babcock-Hitachi, Kawasaki Heavy Industries and Others (includes corresponding Graph/Chart)

Product Launches
Strategic Corporate Development
Focus on Select Key Players
B. Market Analytics

Table 50. Japanese Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 51. Japanese Historic Review for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 52. Japanese Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 53. Japanese Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 54. Japanese 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

14. EUROPE

A. Market Analysis
Regional Perspective
Industry Structure

System Integrators

Product Specialists

Activity Specialists

Cogeneration Fuel-Fired Boilers Market A Statistical Overview

Table 55. European Market for Cogeneration Fuel-Fired Boilers (2003, 2008 & 2012) - Percentage Breakdown of Capacity Additions by Country for France, Germany, UK, Italy, Spain, and Rest of Europe (includes corresponding Graph/Chart)

Table 56. European Recent Past, Current & Future Analysis for Cogeneration Fuel-Fired Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 57. European Historic Review for Cogeneration Fuel-Fired Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 58. Leading Players in the European Market for Cogeneration Fuel-Fired Boilers (2010) - Percentage Breakdown of Capacity Additions by Company for ALSTOM, Foster Wheeler, Babcock - Hitachi, Ltd. , Aker Solutions, Rafako, and Others (includes corresponding Graph/Chart)

B. Market Analytics

Table 59. European Recent Past, Current & Future Analysis for Power/Utility Boilers by Geographic Region – France, Germany, Italy, UK, Spain, Russia & Rest of Europe Markets Independently Analyzed with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 60. European Historic Review for Power/Utility Boilers by Geographic Region – France, Germany, Italy, UK, Spain, Russia & Rest of Europe Markets Independently Analyzed with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 61. European 15-Year Perspective for Power/Utility Boilers by Geographic Region – Percentage Breakdown of Capacity Additions for France, Germany, Italy, UK, Spain, Russia & Rest of Europe Markets for Years 2003, 2010 & 2017 (includes

corresponding Graph/Chart)

Table 62. European Recent Past, Current & Future Analysis for Industrial Boilers by Geographic Region – France, Germany, Italy, UK, Spain, Russia & Rest of Europe Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 63. European Historic Review for Industrial Boilers by Geographic Region – France, Germany, Italy, UK, Spain, Russia & Rest of Europe Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 64. European 15-Year Perspective for Industrial Boilers by Geographic Region – Percentage Breakdown of Capacity Additions for France, Germany, Italy, UK, Spain, Russia & Rest of Europe Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

Table 65. European Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 66. European Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 67. European 15-Year Perspective for Industrial Boilers by End-Use Industry –Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

14A. FRANCE

A. Market Analysis

Current and Future Analysis

ALSTOM SA - A Key Player

B. Market Analytics

Table 68. French Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 69. French Historic Review for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 70. French Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 71. French Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 72. French 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

14B. GERMANY

Market Analysis

Table 73. German Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 74. German Historic Review for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 75. German Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 76. German Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 77. German 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

14C. ITALY

Market Analysis

Table 78. Italian Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 79. Italian Historic Review for Power/Utility Boilers Market with Annual Capacity Additions Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 80. Italian Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 81. Italian Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 82. Italian 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

14D. THE UNITED KINGDOM

A. Market Analysis

Commercial Boiler Market Survives Recession

Product Launches

Strategic Corporate Developments

Wellman Robey Limited –A Key Player

B. Market Analytics

Table 83. The UK Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 84. The UK Historic Review for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 85. The UK Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 86. The UK Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 87. The UK 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

14E. SPAIN

Market Analysis

Table 88. Spanish Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 89. Spanish Historic Review for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 90. Spanish Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 91. Spanish Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 92. Spanish 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

14F. RUSSIA

Market Analysis

Table 93. Russian Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 94. Russian Historic Review for Power/Utility Boilers Market with Annual Capacity

Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 95. Russian Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 96. Russian Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 97. Russian 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

14G. REST OF EUROPE

A. Market Analysis

Product Launches

Strategic Corporate Developments

Focus on Select Key Players

B. Market Analytics

Table 98. Rest of Europe Recent Past, Current & Future Analysis for Power/Utility Boilers with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 99. Rest of Europe Historic Review for Power/Utility Boilers with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 100. Rest of Europe Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity

Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 101. Rest of Europe Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 102. Rest of Europe 15-Year Perspective for Industrial Boilers by End-Use Industry - Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

15. ASIA-PACIFIC

A. Market Analysis

Regional Analysis

China

Overview

Power Plant Boiler Industry: A Quick Primer

Chinese Industrial Boiler Market

Chinese Industrial Boilers Market to Surge

Boilers with Cleaner Energy Technologies: The Emerging Trend

Southeast Asia

Industrial Boilers Hold Great Potential

Competitive Landscape

India

Boilers Market in India A Broad Landscape

Table 103. Indian Industrial Boiler Market (2010): Percentage Share Breakdown of Revenues by End-Use Sectors—Power, Petrochemicals & Refinery, Metal, Paper, Cement & Engineering, Chemical, Food and Others (includes corresponding Graph/Chart)

Table 104. Indian Industrial Fire Boiler Market (2010): Percentage Share Breakdown of Revenues by End-Use Sectors—Power, Petrochemicals & Refinery, Ferrous & Non-Ferrous, Chemical, Paper & Paper Products, Cement & Engineering, and Others (includes corresponding Graph/Chart)

Table 105. Indian Industrial Fire Boiler Market (2010): Percentage Share Breakdown of Boiler Capacity by Leading Players—Bharat Heavy Electricals Ltd. , Thyssenkrupp Industries India, Cethar Ltd. , Bharat Heavy Plates and Vessels Ltd. , and Others (includes corresponding Graph/Chart)

Waste Heat Recovery Boilers Market
Industry Dynamics
Categorization by Application Area

Table 106. Indian Industrial Waste Heat Recovery Boiler Market (2010): Percentage Share Breakdown of Revenues by End-Use Sector—Power, Paper & Paper Products, Petrochemicals and Refinery, Ferrous & Non-Ferrous, Food and Beverage, and Others (includes corresponding Graph/Chart)

Shipments and Capacity Expansions

Table 107. Waste Heat Recovery Boiler Market in India: Annual Capacity in MW for the Years 2007-2013 (includes corresponding Graph/Chart)

Table 108. Waste Heat Recovery Boiler Market in India (2010): Percentage Breakdown of Unit Shipments by Boiler Segment – Upto 50TPH, 51-150TPH and 151-500TPH (includes corresponding Graph/Chart)

Leading Players in the Market

Table 109. Indian Industrial Waste Heat Recovery Boiler Market (2010): Percentage Share Breakdown of Boiler Capacity by Leading Players—Bharat Heavy Electricals Ltd. , Bharat Heavy Plates and Vessels Ltd. , Cethar Vessels (P) Ltd. , Thermax Ltd. , and Others (includes corresponding Graph/Chart)

Product Launch
Strategic Corporate Developments
Focus on Select Key Players
B. Market Analytics

Table 110. Asia-Pacific Market Recent Past, Current & Future Analysis for Power/Utility Boilers Future Analysis with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 111. Asia-Pacific Market Historic Review for Power/ Utility Boilers Future Analysis with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 112. Asia-Pacific Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 113. Asia-Pacific Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 114. Asia-Pacific 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

16. THE MIDDLE EAST

Market Analysis

Table 115. The Middle East Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 116. The Middle East Historic Review for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 117. The Middle East Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building &

Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 118. The Middle East Historic Review for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 119. The Middle East 15-Year Perspective for Industrial Boilers by End-Use Industry – Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

17. LATIN AMERICA

Market Analysis

Table 120. Latin American Recent Past, Current & Future Analysis for Power/Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 121. Latin American Historic Review for Power/ Utility Boilers Market with Annual Capacity Additions in Mega Watts (MW) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 122. Latin American Recent Past, Current & Future Analysis for Industrial Boilers by End-Use Industry – Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 123. Latin American Historic Review for Industrial Boilers by End-Use Industry - Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets Independently Analyzed with Annual Capacity Additions in Tons of Steam per Hour (TSPH) for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 124. Latin American 15-Year Perspective for Industrial Boilers by End-Use

Industry - Percentage Breakdown of Capacity Additions for Oil & Gas, Chemical, Food & Beverages, Building & Construction, and Other Markets for Years 2003, 2010 & 2017
(includes corresponding Graph/Chart)

Total Companies Profiled: 266 (including Divisions/Subsidiaries - 317)

Region/Country Players

The United States 28

Canada

Japan

Europe

France

Germany

The United Kingdom

Italy

Spain

Rest of Europe

Asia-Pacific (Excluding Japan)

Latin America

Africa

Middle East

I would like to order

Product name: Boilers: Market Research Report

Product link: <https://marketpublishers.com/r/B6B92602DA5EN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B6B92602DA5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970