

Steel Industry Technology Roadmap

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Acronyms

AC	Alternating current
AISI	American Iron and Steel Institute
ASTM	American Society for Testing and Materials
BAT	Best Achievable Technology
BCT	Best Conventional Technology
BPT	Best Practical Technology
BB	Basic box
BF	Blast furnace
BOF	Basic oxygen furnace
CAD	Computer-aided design
CAFE	Corporate Average Fuel Economy
CAM	Computer-aided manufacturing
CFCs	Chlorinated Fluorocarbons
CMP	Center for Materials Production (EPRI)
DC	Direct current
DOC	Dilute oxygen combustion
DOE	Department of Energy
DRI	Direct reduced iron
EAF	Electric arc furnace
EG	Electrogalvanized
ELG	Effluent Limitations Guidelines
EPA	Environmental Protection Agency
EPRI	Electric Power Research Institute
FRP	Fiberglass-reinforced plastic
HAP	Hazardous air pollutants
HBI	Hot briquetted iron
HPS	High-performance steels
HTMR	High-temperature metals recovery
IISI	International Iron and Steel Institute
IR	Infrared
KVA	Kilovolt-ampere
LAER	Lowest Achievable Emission Rate
MACT	Maximum Achievable Control Technology
NT	Net Tons
NTHM	Net Tons of hot metal
OEMs	Original equipment manufacturers
PNGV	Partnership for a New Generation of Vehicles
RCRA	Resource Conservation and Recovery Act
RHF	Rotary Hearth Furnace
RKF	Rotary Kiln Furnace
SEN	Submerged entry nozzle
SMA	Steel Manufacturers Association
SRI	Steel Recycling Institute
TFS	Tin-free steel
TMP	Tin mill products
TRIP	Transformation-induced plasticity

TSS	Total Suspended Solids
ULC	Ultra-low carbon
ULSAB	Ultra-light steel auto body
VOC	Volatile organic compound

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