

STEEL

Process & Environmental Monitoring for the Steel Industry

LEL Monitoring in CDQ

Explosion-Proof
Process Gas Analyzer
TCA-51

H₂



*LEL: Lower Explosive Limit
*CDQ: Coke Dry Quenching

Multi Component Gas Analyzer
VA-5000 Series

CO CO₂ O₂ etc.



Stack Gas Monitoring

Stack Gas Analyzer
ENDA-5000 Series

NO_x SO₂ CO CO₂ O₂



Detection of Stave Pipe Breakage

Bubble Level Sensor

BUBBLE



Radiation Level Measurement of Scrap

Environmental Radiation Monitor
PA Series

γ-RAYS



Temperature Measurement

- Slab (Safety of Magnetic Crane)
- Roller Bearing (Maintenance)

Stationary Type
Non-Contact Infrared Thermometer
IT-480 Series

TEMP



Inspection for Abnormal Temperature

Handheld Type
Non-Contact Infrared Thermometer
IT-545 Series

TEMP



Quality Check of Steel Coils

Gloss Checker
IG-410

GLOSS



Environmental Assessment (Ambient Monitoring)



Air Quality Monitoring System



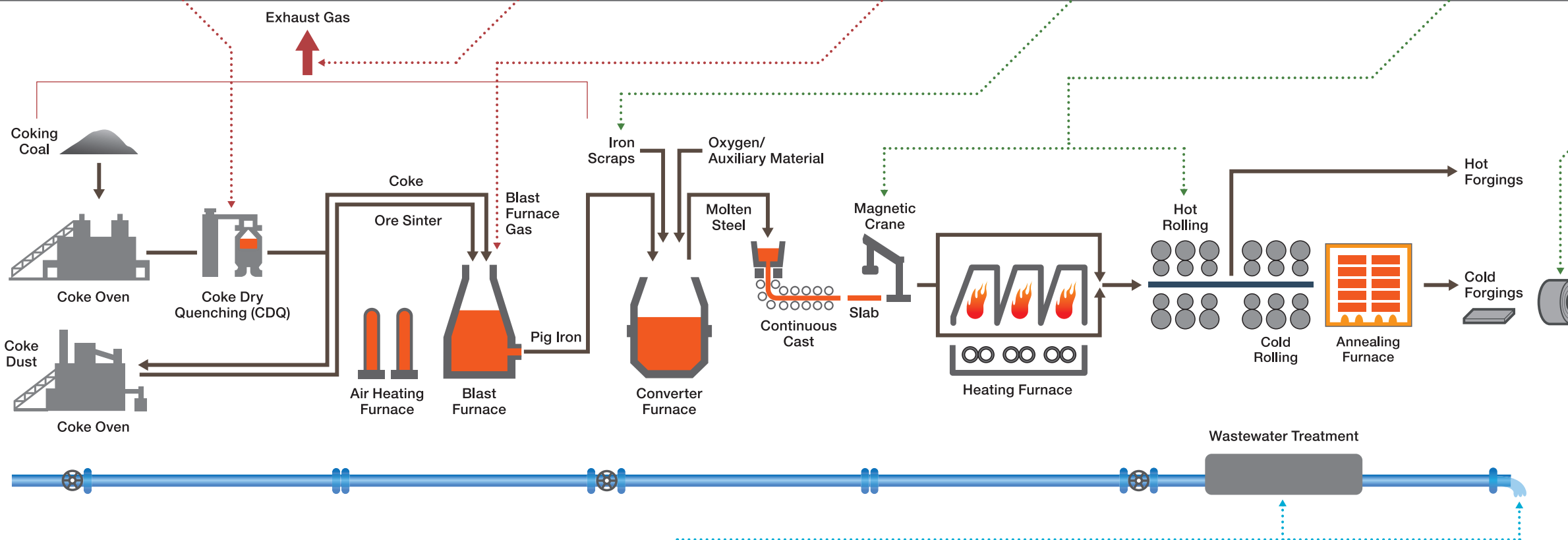
Continuous Particulate Monitor
with X-ray Fluorescence
PX-375

ELEMENT PM_{2.5} PM₁₀ TSP



Ambient Trace Gas Analyzer
AP-370 Series

NO_x SO₂ CO THC O₃ CO₂



Industrial Water Quality Analyzer
H-1 Series

pH ORP DO F⁻ COND
RESIST MLSS TURB RC NH₄-N etc.



Oil Content Analyzer
OCMA Series

OIL



Automatic Total Nitrogen /
Phosphorus Monitoring System
TPNA-500

N P



Automatic COD Monitor
CODA-500

COD



Organic Pollutant Monitor
OPSA-150/CW-150

UV

