

ISO 9001:2015 CERTIFIED MANUFACTURER · UMBERGAON, GUJARAT

Precision Boiler Spares, Made To Your Drawing

Ruby Infra Projects makes boiler tube protection shields for thermal power stations, in every stainless steel grade. Everything is cut, formed, welded and finished at our own works in GIDC Umbergaon, Gujarat, and supplied across India and overseas.



Boiler Tube Protection Shields

Half round, bend and sleeve shields that protect boiler tubes from erosion by flue gas and fly ash.

What We Do

You send a drawing, sketch or sample. We cut, bend, roll, groove, weld and polish mild steel and stainless steel up to 4 mm thick in-house, then ship the finished parts with material test certificates from Government or NABL-accredited laboratories on every batch.

ISO 9001:2015 Certified quality system	Every grade SS 304, 304L, 309, 310, 316, 321	Test certificates Govt. / NABL labs, every batch	India & export Import Export Code holder
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TRUSTED BY



PRODUCT 01

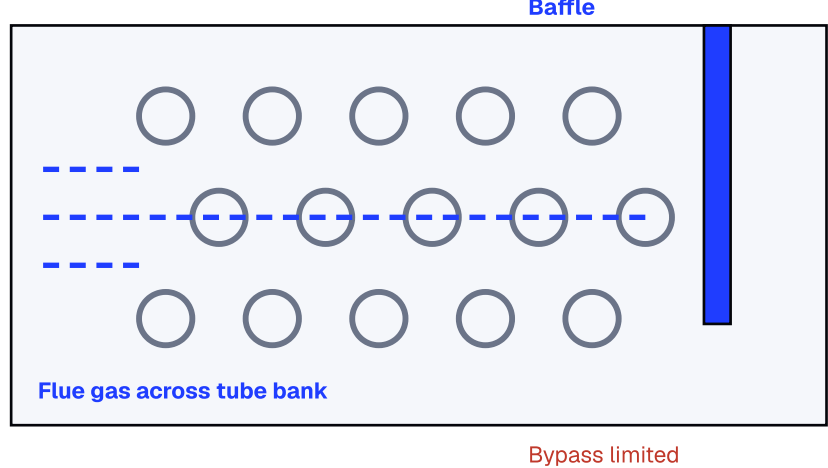
Cassette Baffles

Baffles are plates fitted in the flue-gas path to direct gas across the tube banks and limit bypass, so heat is transferred more evenly. We build them as replaceable cassette panels, which are quicker to install or change during a shutdown.



Cassette baffle panels, stacked

How a baffle works (schematic)



Schematic only. Not to scale.

01

Gas can slip past a tube bank, so heat transfer is uneven.

02

Baffle plates in the flue-gas path steer it across the tubes.

03

Cassette panels are replaceable, so a shutdown change is quicker.

PRODUCT	Cassette baffles: baffle plates made as replaceable panel units
USED IN	Thermal power station boilers
GRADES	Every grade, including SS 304, 304L, 309 (Cr23Ni13), 310, 316, 321
MADE TO	Your drawing, sketch or sample. Custom specifications and cut-to-length service
IN-HOUSE	Cutting, bending, rolling, grooving, welding and polishing of MS and SS up to 4 mm thick
CERTIFICATES	Material test certificates from Govt. / NABL-accredited labs on every batch

Tell us what you need

Grade, size, quantity, finish and destination.

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PRODUCT 02

Boiler Tube Protection Shields

Shields are fitted over boiler tubes and tube bends to protect them from erosion by flue gas and fly ash. We form half round shields, bend shields and sleeves to your drawing, check their thickness and pack them for dispatch.



PRODUCTS	Half round tube shields, bend shields, sleeves
GRADES	Every grade, including SS 304, 304L, 309 (Cr23Ni13), 310 (Cr25Ni20), 316, 321
MADE TO	Your drawing, sketch or sample. Custom sizes and cut-to-length service
IN-HOUSE	Cutting, bending, rolling, grooving, welding and polishing of MS and SS up to 4 mm thick
CERTIFICATES	Material test certificates from Govt. / NABL-accredited labs on every batch

Send us your drawing

Grade, size, quantity and destination for a quote.

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