



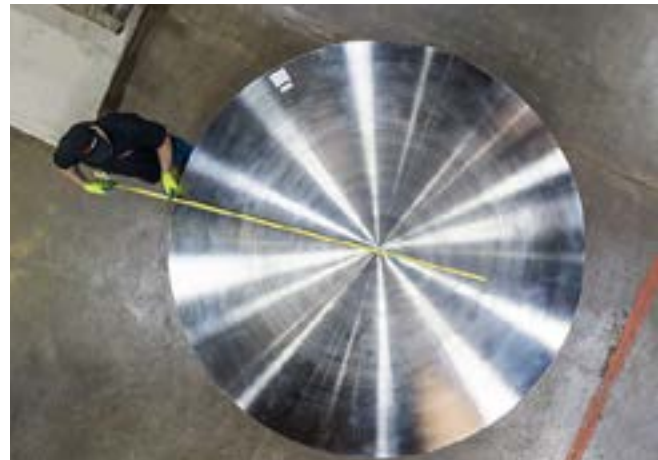
Nuclear & Alternative Power Generation Relies on DetaClad™

CLAD MEETS SHIFTING POWER PLANT DEMANDS

NobelClad offers a broad portfolio of composite metal solutions for condensers used in converting exhaust steam into condensate. Our DetaClad™ tube sheets have been supplied for steam and flue gas condensers in natural gas and coal fired power plants. Equipment in nuclear and geothermal power plants also demands DetaClad.

As the world increasingly transitions to renewable sources to meet energy demand, NobelClad's experience can help engineers mitigate risk when quality parameters cannot be compromised.

DetaClad, NobelClad's proprietary explosion welded composite metal solutions, are made from precise detonations to bond large sheets of steel to corrosion resistant alloys like titanium. NobelClad's quality system is 9001-2015 certified and our quality culture ensures delivering a risk-free, reliable solution.





DETA CLAD™ ADVANTAGES FOR RISK-FREE EQUIPMENT

- DetaClad plates and tube sheets are available up to 4 x 8 m (160" x 320") eliminating or reducing the need for welds
- NobelClad meets the invoked upgrades in testing and inspection criteria from ASTM B898 - 20 (2020)
- Uniform, ductile bond quality reduces machining time when drilling holes in clad tube sheets
- High shear strength across the entire plate supports clad tube sheet forming
- Flatness meets stringent clad tube sheet and plate specifications
- DetaClad plates and tube sheets go through 100% automatic ultrasonic testing and logging guaranteeing quality fabrication
- Partnering with NobelClad as a supplier mitigates risk around equipment failure and dangerous leakages

OUR NUCLEAR & ALTERNATIVE POWER EXPERIENCE

- EDF, Siemens Energy, Westing House approved for:
 - Condenser tube sheets for natural gas, coal-fired and nuclear
 - Flue gas tube sheets
 - Geothermal separators
 - Geothermal well head casings
 - Geothermal heat exchangers

**Power Plants
need DetaClad™.
Contact us today
to schedule
a technical
seminar for your
engineering
teams.**