NUCLEAR POWER PLANT

Erne Fittings gives you security where you need it. We have been supplying premium fittings for nuclear power plants since the early 1970s. Our many years of experience and expertise make us a reliable partner for the nuclear industry.

ERNE FITTINGS - YOUR PARTNER FOR NUCLEAR PROJECTS

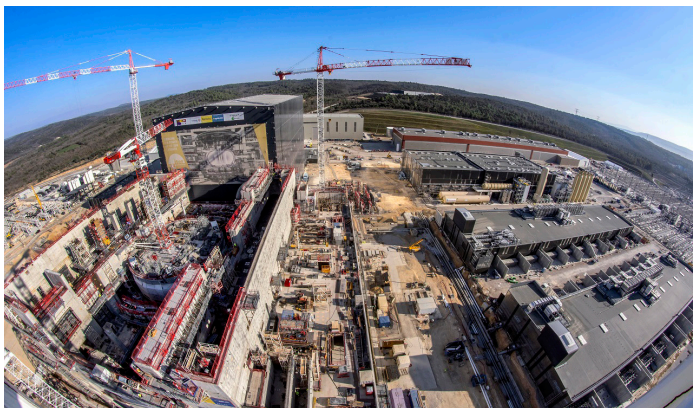
- > Over 50 years' experience in the nuclear industry
- > Dedicated department for nuclear applications with experienced experts
- > Outstanding quality management with in-house processes and work instructions for nuclear products
- > High level of process reliability due to streamlined structures and standardized processes
- > Unique partnership with GNMS (Global Nuclear Metal Supply)
- > Close and transparent collaboration with the individual partners in the GNMS consortium on nuclear projects

PRODUCTION PROGRAMME FOR NUCLEAR POWER PLANTS

Dimensions:	Tees, reducers and bends in stainless steel up to 12" Tees and reducers in carbon steel up to 12" Bends in carbon steel up to 42"
Materials:	1.4306, 1.4404, Z2CN18-10, Z2CND17-12, and many more
Procedures:	Cold forming procedure and hot forming procedure
Standards:	Stainless steel: RCC-M M3317, RCC-MRx, RCC-MX, STD 0230 Carbon steel: RCC-M M1149 + M1151, STD 6585

ADVANTAGES

- > Experienced and technically competent contact partners who provide support throughout the entire project
- > Traceability and transparency right along the value chain
- > Reliable and seamless documentation thanks to experienced project managers
- > Guaranteed cleanliness and flawless acceptance testing thanks to our 60-qm acceptance room, which meets the requirements of Level II of the French RCC-M standard
- > Fast processing times due to small number of interfaces and the use of the latest technology



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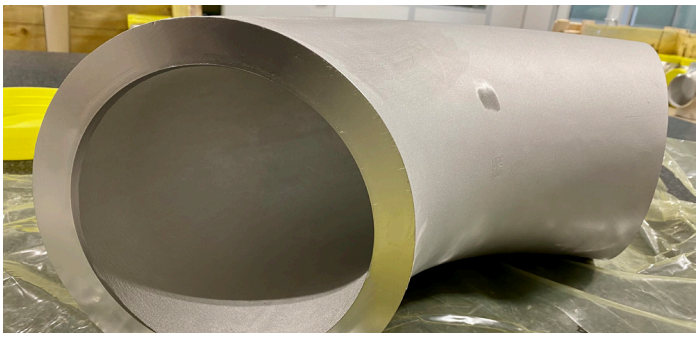
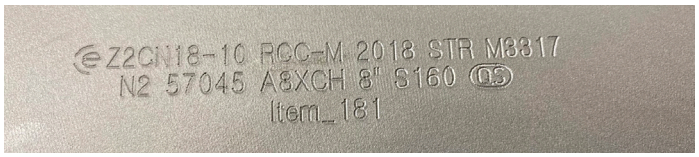
the safe connection

OUR PROJECTS: MODERNISATION OF 900 MW FLEET, FRANCE

Customer: ENDEL / SIGEDI / ORYS / EDF
Products: Elbows, tees and reducers
Materials: Z2CN18–10, Z2CND17–12

Delivery for the projects EASU CP1 + CP2 and RIS CP2 for a total of 25 power plants. These new systems are required to dissipate residual energy if the cooling system (RRI) fails. The delivery includes molded parts as per customer specification, and RCC-M 3317 Edition 2016 and 2018 for Level 2 and 3. Thanks to the close collaboration within the GNMS consortium, the entire supply chain was located within the consortium, which enabled on-time delivery in compliance with the specifications.





OUR PROJECTS: NCPF – LA HAGUE, FRANCE

Customer: LTM / FOSELEV AGINTIS / ORANO
Products: Elbows, tees, reducers and caps
Materials: P265GH, 1.4306/07 and 1.4404

The plant operated by ORANO (formerly Areva) in La Hague in northern France is one of the largest reprocessing plants for nuclear fuel elements. The plant has a capacity of around 1700 tonnes per year and enables the reuse of 96% of the recycled material.

EXTRACT FROM NUCLEAR REFERENCES

PROJECT	LOCATION	MATERIAL
ITER TCCS special elbows	France	1.4306 - special chemistry
Hinkley Point C - RPE + BOP	UK	1.4404, 13CrMo4–5, P265GH
RIS - CP2 / EASU - CP2	France	Z2CN18–10
EASU - CP1 Project	France	Z2CN18–10, Z2CND17–12
NCPF - La Hague	France	P265GH, 1.4306/07, 1.4404
RJH - Cadarche	France	X2CrNiMo17–12–2
ITER Vacuum + Detriation System	France	WP304L
Olkiluoto 1 & 2	Finland	16Mo3
Flamanville 3	France	P265GH, 1.4307, 1.4404, 1.4539
and many more.		

DO YOU HAVE ANY QUESTIONS?

We would be happy to make time to speak to you and look forward to hearing from you.

YOUR CONTACT PARTNER

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