



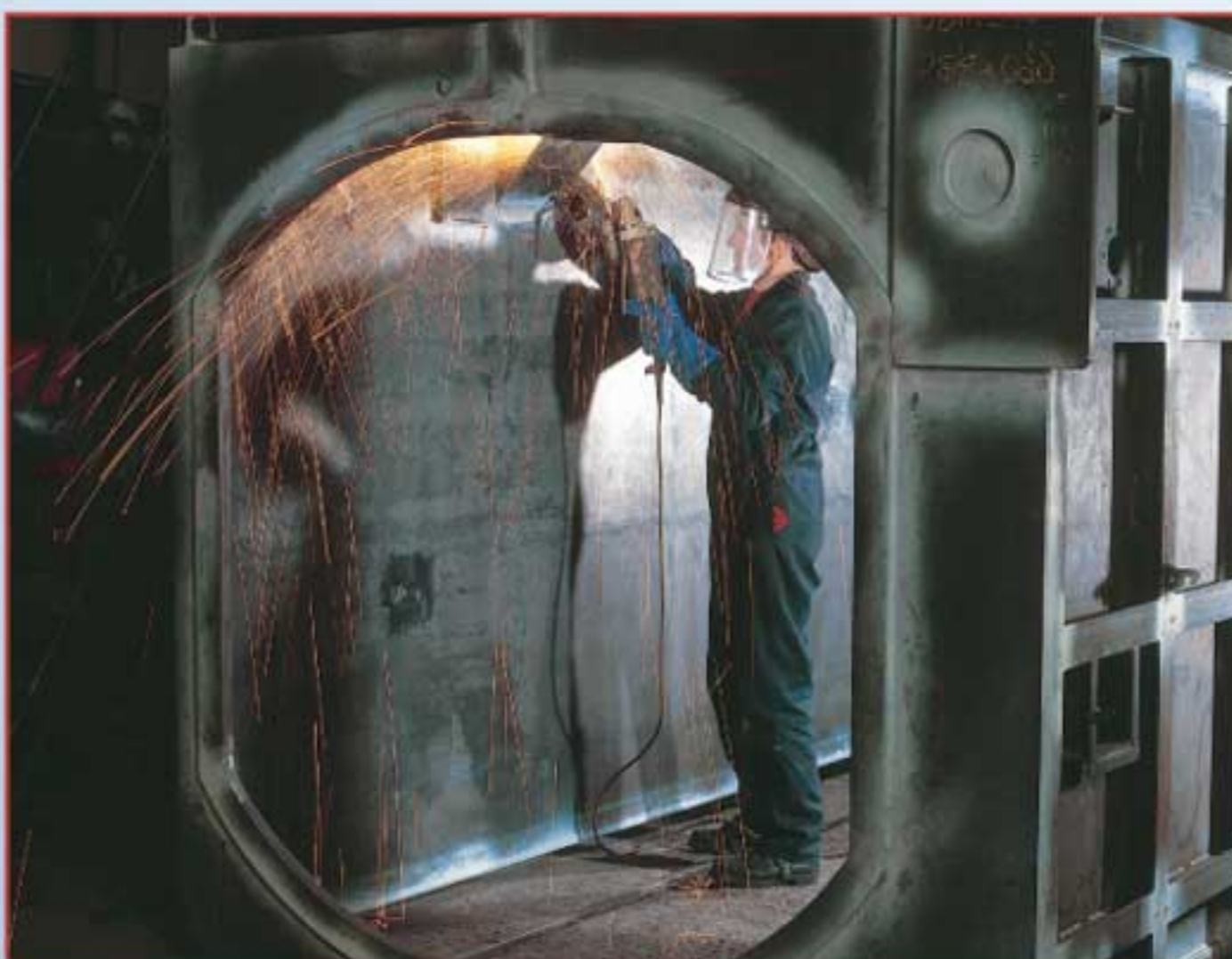
MANTHORPE
ENGINEERING
LIMITED

Fabrication

Manthorpe Engineering has secured a reputation for the manufacture of high integrity fabrication used in power generation, process plant and engine test facilities. Operating from our 7 acre site we provide the ability to handle and control projects across a wide range of engineering disciplines.



Shearing up to 20 mm x 4 m plate on our C.N.C. guillotine and pressing on 400 tonne x 4 m C.N.C. pressbrake alongside sawing, notching, punching, drilling, plasma and thermal cutting support the processing requirements across a range of products.



Platers and welders skilled in techniques and procedures essential in producing fabrications to exacting customer standards are regularly asked to extend their experience to satisfy new challenges.



Estimates, procurement, planning and progress are all monitored through our MRP2 system to enable costs, lead times and deliveries to be controlled with confidence. Attention to detail at the outset ensures quality standards have no compromise during manufacture.

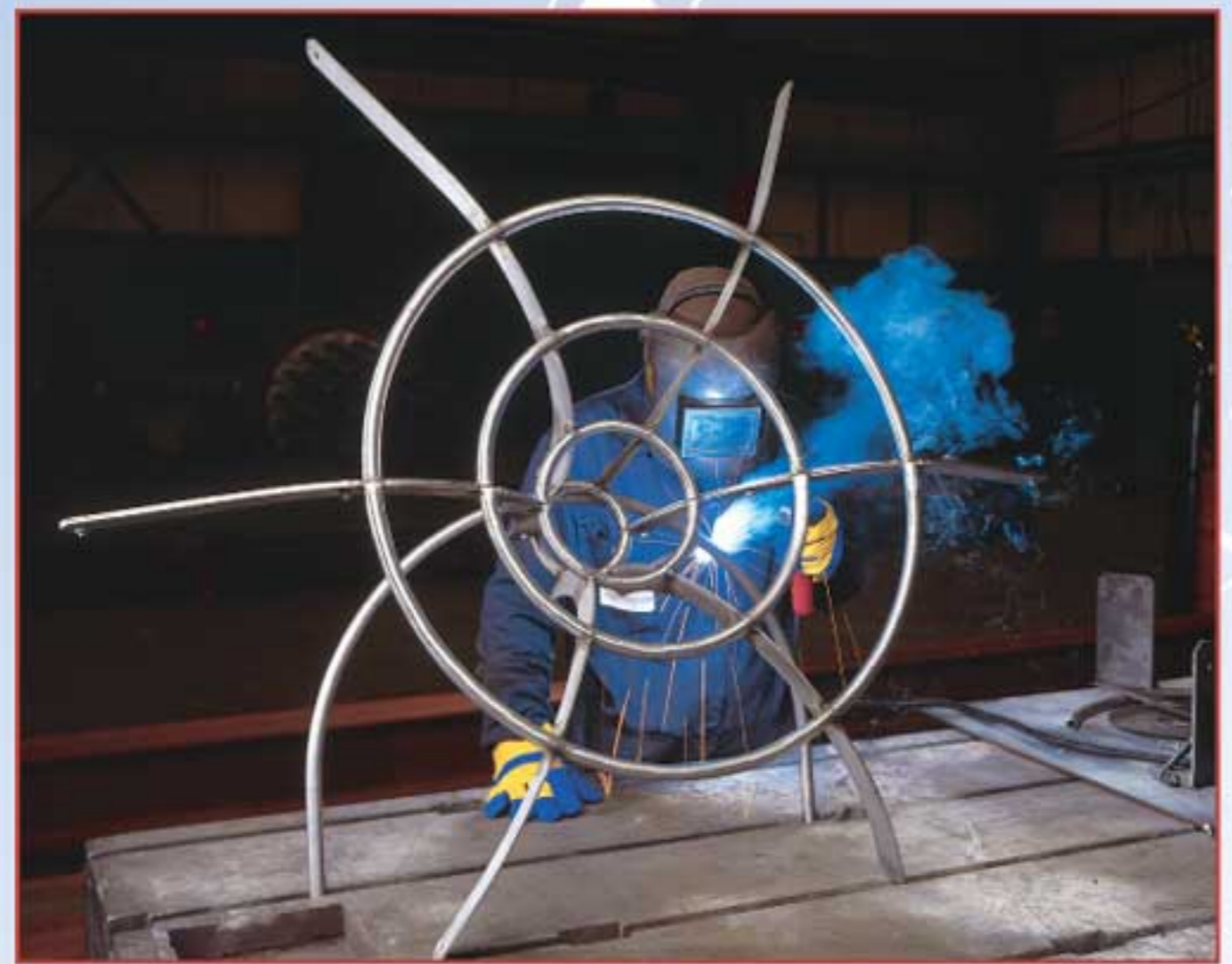


Welding

Welding by T.I.G., M.I.G. and M.M.A. is controlled by procedure and operator testing as required. Existing qualifications in a wide range of materials to BS EN288 & 287, ASME IX and AWS are available to satisfy many activities. Customer specifications are assessed as desired.



Weld integrity, materials technology, preparation and handling are all essential elements of a successful product and we provide the technical and mechanical capabilities to satisfy these requirements. Component parts and assemblies are processed in our machining facility as required thus maintaining control of all aspects of manufacture.



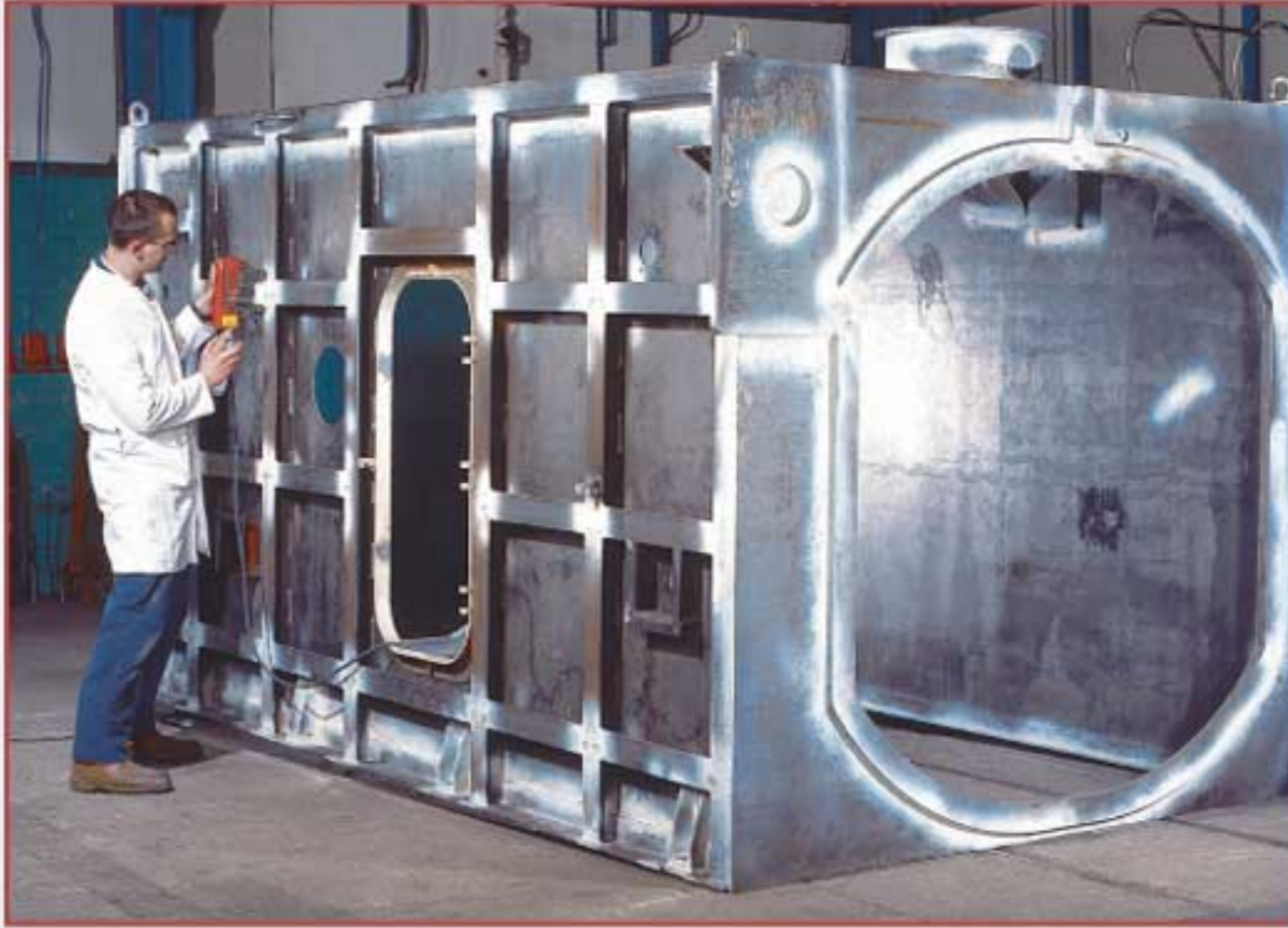
New joint configurations, material combinations or positional changes can be readily developed and approved as necessary. Procedures to weld 80 mm thick mild steel or 2 mm thick heat resistant alloys, whilst for very different end products, are considered with equal understanding. Our experience and skills ensure aspects of weld design and integrity are assessed and engineered into the assembly.



Materials from mild steel to aerospace alloys are all handled with respect to their individual requirements. Heat treatment, radiography, thermal barrier coating and general process needs are controlled as dictated by material or customer specifications.

Versatility

Carbon steels are used in a wide range of fabricated components from 1mm cladding to 200mm plate. The scope of work undertaken is very diverse and we welcome technically challenging enquiries whatever the size.



Heat treatment, radiography, ultrasonics, dye penetrant and magnetic particle inspection, flame spraying, pressure testing and many forms of finishing treatment are handled either in house or at suitably approved sources with a known and first class capability to provide the technical expertise to maintain our level of Q.A. controls.

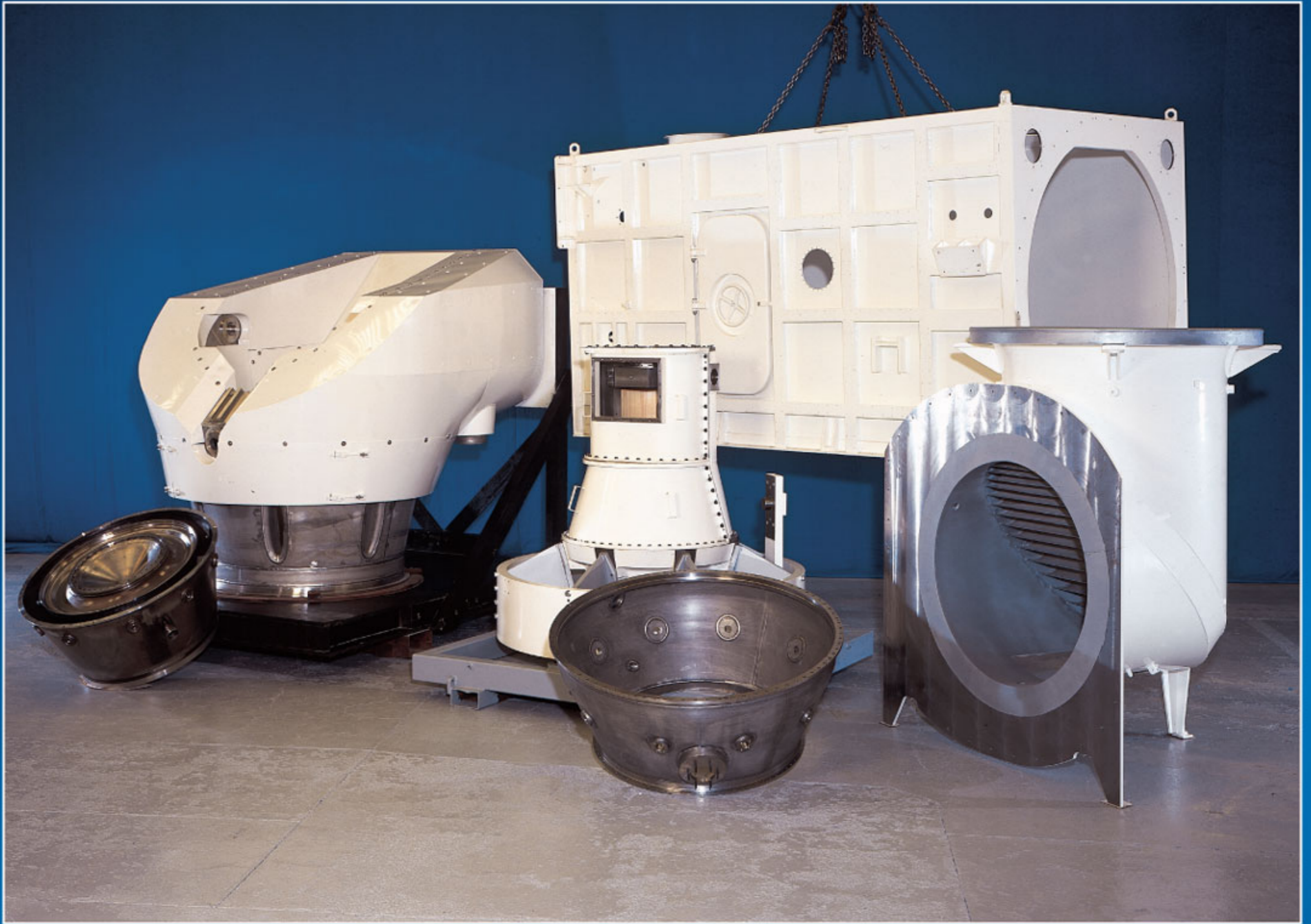


Stainless steels and heat resistant alloys are a significant part of our manufacturing base and complement the range of services on offer. Handling and treatment of exotic materials require a level of quality control suitable to meet the finished part requirements. Manthorpe Engineering has built a wealth of experience around the technical aspects of fabrication which gives an assurance on Quality, Delivery and Price.



High integrity fabrication often demands the accuracy necessary from machined components and this is supported by our well equipped machining facility. The combination of experience in both fields is significant in providing overall assurance that consideration is given to all aspects thus avoiding compromise on final assembly. Please see the associated brochure for further details of this service.





Location

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