

BAE SYSTEMS Total Pipework Fabrication Service uses fully computerised storage, cutting to length and material identification facilities to ensure strict control of raw material stock. The system provides total security in addition to instant identification and traceability of all materials.

## Pipework - Material Control



The Storage and Cutting Centre handles any material up to 140mm OD with a range of wall thicknesses. Maximum storage length is 8m. Required tube lengths are generated by the technical system and fed electronically to the machine. Automatic tube identification marking takes place as the cut lengths are discharged.

Stock control in the Fitting Store is also computerised, facilitating the specific allocation of fittings to pipes whilst maintaining optimum efficiency. Quality Assurance is undertaken to BS EN ISO 9001:2000.

### Ensuring Nuclear Integrity

As the UK's sole nuclear submarine builder and designated Submarines Centre of Excellence, BAE SYSTEMS Submarines at Barrow has additional specialist processes and procedures in place. Subjected to regular Quality Control and audit, they ensure that target\* materials and consumables, their marking, handling, storage, retrieval, manufacture and installation are segregated at all stages to maintain their essential Grade A cleanliness and nuclear installation integrity.

\*Target materials and consumables are those used or intended to be used in the manufacture of Nuclear Steam Raising Plant Primary System components eg Monel to DGS-MS-NBA-4070 and Stainless Steel to DGS-MS-HAS-4304 LE.

