

Q829 **Certified Weld Inspector (CWI) Requirements - rev 3/6/01**

All KSC-SPEC-Z-0020 Class A and B Welds require visual inspection by an American Welding Society (AWS) CWI. The CWI must be certified by the AWS in accordance with the provisions of ANSI/AWS QC1. Evidence of this certification shall be made available to the procuring agency's Subcontract Administrator prior to the start of any welding. The CWI shall be provided with all Welding Procedure Specification (WPS's), Procedure Qualification Records (PQR's), and Welder Performance Qualification (WPQ's). The CWI will verify, through this supplied documentation, that the WPS was qualified and that the welder/welding operators are qualified. The contractor shall provide the CWI with the engineering drawings and WPS's showing the size, length, type, and location of all welds. The CWI shall verify that the size, length, type, and location of all welds conform to the requirements of the engineering drawings and this specification, and that no unspecified welds have been added.