



SAFETY ASSESSMENT
FEDERATION

Guidance

Welding Procedure and Welder Approval Testing

BS EN ISO 14732 (ISO 14732)

REFERENCE: WMC 06 – PART 2

ISSUE:04

DATE: 01/03/2016

DOCUMENT INFORMATION:

REFERENCE: WMC 06 - Part 2

ISSUE: 04

DATE: 01/03/2016

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APPROVED BY: TC 1 — Part 2 Pressure Equipment and the SAFed Technical Steering Committee

DOCUMENT HISTORY RECORD:

ISSUE:	DATE:	CHANGE DETAIL:
01	2001	Initial Document not used
02	2013	Document review
03	2015	Document review
04	01/03/2016	Document Review

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SITUATION

What is required when a functional knowledge test is needed to qualify an operator/setter for automatic or fully mechanised fusion welding of metallic materials to meet the requirements of BS EN ISO 14732

GUIDANCE

A candidate, who has been examined using functional knowledge questions and has achieved the pass marks specified for the appropriate sections and questions, is considered to be qualified for the process specified. Any change in process requires re-approval of the operator.

The functional knowledge test is to be completed prior to the production of any test pieces. The functional knowledge test shall be required at six yearly re-approval in accordance with 5.3a and at six yearly intervals for revalidations in accordance with 5.3b and 5.3c.

1. Functional Knowledge Test – BS EN ISO 14732 SUBJECT AREAS

The candidate should have sufficient knowledge appropriate to the type of equipment / welding process used for qualification testing, these subject areas include:

- Welding Procedures / Sequences
- Joint Preparation
- Weld Imperfections
- Understanding the approval range
- Process operation