

Email



**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)**

No.2025/M(W)1/814/6

New Delhi, dated 24/03/2025

**The Principal Chief Mechanical Engineers,
All Zonal Railways/Production Units**

Sub: Qualification Requirement for Outsourced Welders

Ref: This office letter No. 2025/M(W)1/814/6 dated 04.02.2025

*CRB R, CWS, & some is.
We should implement in
the tender conditions
for all Sichee/ROH/dph
workshop welding
activities*

Based on the recommendation of the committee constituted to standardise the qualification requirements of outsourced welders, it is advised that following set of qualification requirements for outsourced welders involved in fusion welding of steel in Railway Units should be considered and adhered to by the Zonal Railways/Production Units to ensure quality of welding.

1. Qualification Standards (For fusion welding of steel):

- Welders must be qualified according to **ISO 9606-1:2017** (or latest) OR **IS 7310 (Part 1): 2019** (or latest) for fusion welding of steel as per the approved Welding Procedure Specification (WPS), which includes material type, thickness, joint type, welding position, welding process, and consumables.

AND

2. Educational and Training Requirements:

विभागाध्यक्ष HOD	○ Matriculation/SSLC plus ITI certification from a recognized institution
मु. का. इंजी. CWE	(NCVT/SCVT) in the Welder trade.
मु. यां. इंजी. (डी एवं आ.प्र.) CME (D & DM)	OR
मु. यां. इंजी. पर्या. एवं रख रखाव प्रो. वि. CME/EnHM	○ Act Apprentices trained and certified in the Welder trade by any Railway Unit, Government, Semi-Government, or PSU unit are also eligible.
मु. चल स्टॉक इंजी. (कोचिंग) CRSE (Coaching)	
मु. चल स्टॉक इंजी. (फ्रेट) CRSE (Freight)	AND
मु. यां. इंजी. 3 योजना CME (Planning)	Competency Test by Railway Unit: Railways shall conduct competency test at their premises on the welders engaged for outsourced work to verify their skills by taking trial test on at least 2 sample pieces at the cost of the Railways and if the trial is found satisfactory, Competency certificate will be
मु. वि. इंजी. (च. स्टॉ. CEE (RS & G)	
सचिव, प्र. मु. यां. इंजी. Secy to PCME	

[Signature]

issued by respective officer/SSE (incharge). In case competency test trial of the welder is found to be unsatisfactory, cost of the test shall be borne by the contractor.

4. The validity and process of renewal of competency certificate would be as defined in ISO 9606-1: 2017 and IS 7310 (Part I)-2019 Para 9.

Note:

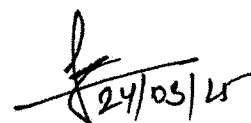
● **Welding Procedure Specification (WPS):** The outsourcing contracts must clearly specify the relevant WPS for each welding scope, detailing material specifications, welding processes, joint types, and other technical parameters.

Following **special conditions** can be added by the unit concerned on need basis depending on the complexity and nature of the work.

● **Work Experience:** Based on the nature of work, specific work experience may be added by the hiring agency for specific number of welders / specific activity, particularly for complex welding tasks involved in rolling stock maintenance.

Any of the above conditions may be modified by the Zonal Railways based on local requirements with the approval of the PHOD.

This is for your kind information and necessary action please.



(Gaurav Kumar)
Dir. Mech. Engg.(P) I