



Welding, NDT & Material Traceability (MTR) Kit

WPS/PQR and welder continuity log, NDT tech certs, MTR review and heat number traceability.

What's inside

File	What it is / how to use it
01_Welding_NDT_MTR_Workbook.xlsx	Welder continuity, NDT certs, MTR review and heat traceability with flags.
02_Welding_Control_Procedure.docx	Procedure template.

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About the author

Built by Matt Norman, US Navy veteran and former SpaceX Falcon 9 quality inspector and QA supervisor. (Not affiliated with or endorsed by SpaceX.) Norman Quality Tools is Veteran-Owned & Operated. Contains no SpaceX, government, or customer proprietary information; all example data is made up.

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Welding & NDT Control Procedure

Welding, NDT & Material Traceability (MTR) Kit - Document 02 - Rev A (2026-10)

1. Purpose and scope

Make sure every weld is made to a qualified procedure by a qualified welder and inspected by certified NDT personnel.

2. Responsibilities

Role	Responsibility
Quality manager	[Define]
Approver	[Define]

3. Procedure

1. Weld only to approved WPSs supported by PQRs.
2. Keep welder continuity current; requalify lapsed welders.
3. Certify NDT personnel per the written practice.
4. Review every MTR against the spec before release to the floor.
5. Transfer heat numbers when cutting material; verify marking.

4. Records

- WPS/PQR register
- Welder log
- NDT certs
- MTR reviews
- Heat trace log

5. Revision history

Rev	Date	Change	Approved

Role	Name	Signature	Date
Prepared by			
Approved by			

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