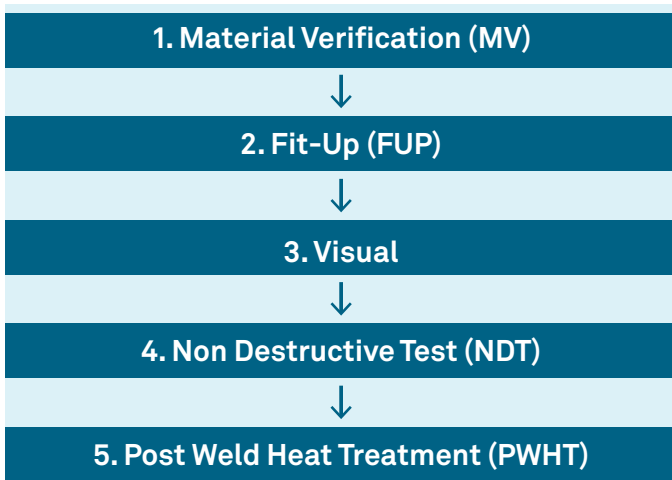


This enables the system to record and present the progress of welding and NDT inspection at any point in time. It also ensures that full material reconciliation can be performed as soon as the project is completed. This information is important for the overview of acceptance of onsite work and further supports the claiming and invoicing process.



Smart WQMS processes.

Welder Database Management

Generally, it is important in all projects to have complete traceability of welds:

- Who is the welder?
- What qualifications does the welder hold?
- What is the welder’s experience and track record?

Consequently, Smart WQMS includes welder maintenance records to keep qualifications up-to-date and maintain full welder histories. It contains a welder database which manages welder registrations, qualifications, tested processes, certificates, and passes. Data can be searched by welder, process, joint type, material, etc. You can easily analyze welder performance by accessing weld historical records which contain welder identification. This helps to reduce overhead and enhance efficiency in managing welder quality.

Built-in Industry Expertise

Smart WQMS was developed by a group of industry experts, following a set of common oil and gas industry practices and

requirements. The solution enables full traceability from design to acceptance and delivers all of the major benefits associated with a comprehensive and proven system, including:

- Engineering information – Weld number, weld size, material, joint configuration, etc
- Production information – Welding procedure specification (WPS), welder ID, date welded, date repaired, etc
- Quality control information – Inspection results, NDT reports, and PWHT data

Such information helps the fabricator to monitor, measure, and control critical processes during fabrication.

Rapid Return on Investment

Smart WQMS makes it possible to accelerate the execution of EPC projects at lower cost without compromising quality or accuracy. This leads to secure creation of value and ensures a fast return on investment. Competitive advantages can be rapidly gained because the system delivers numerous benefits, including:

- Reduced cost due to major improvements in efficiency and productivity
- Minimized manual effort, including elimination of duplicate data input into multiple systems
- Centralization of all information into a single platform

Item No.	Weld No.	Weld Status	MAW		FUP		VIS		NDT	
			NDI	Report	Status	Report	Status	Report	Status	Report
1	1	Done	0001	Start	0001					
2	2	Done	0002	Start	0001					
3	3	Done	0002	Start	0001					
4	4	Done	0002	Start						
5	5		0002	Start						
6	6		0001	Start						
7	7									
8	8									
9	9									
10	10									

Sample progress report.

ABOUT HEXAGON PPM

Hexagon PPM is part of Hexagon (Nasdaq Stockholm: HEXA B; hexagon.com), a leading global provider of information technology solutions that drive productivity and quality across geospatial and industrial landscapes.