Welding inspection report

Yellow cells are for you to fill in. Free template from Deskely · deskely.com/resources/welding-inspection-report

Project	Report number	Date

Line, spool or structure	Drawing / isometri	Code and acceptance level

WPS	Welding process	Base material

No.	Check	Result	Record	By	Date
BEFORE WELDING					
1	WPS approved and available at the work place		WPS		
2	Welders qualified for the process, position and material		Welder register		
3	Consumables to the WPS, stored and dried as specified		Consumable log		
4	Joint preparation: bevel angle, root face, cleanliness		Fit-up record		
5	Fit-up: root gap, alignment and high-low within tolerance		Fit-up record		
6	Preheat temperature reached and measured		Preheat record		
DURING WELDING					
7	Welding parameters within the WPS (current, voltage, travel speed)		Parameter log		
8	Interpass temperature within the WPS		Interpass record		
9	Root pass inspected (and back-gouged where required)		Root inspection		
10	Shielding gas type and flow correct		Parameter log		
AFTER WELDING					
11	Visual inspection of every completed weld (see the second sheet)		Visual inspection sheet		
12	Weld identified with its number and welder ID		Weld map		
13	NDT requested to the specified extent		NDT request		
14	PWHT carried out where required		PWHT chart		
15	Repairs re-inspected and re-tested		Repair log		

Sign-off	Name	Company	Signature	Date
Welding inspector				
Client				

Visual inspection of completed welds

Mark each imperfection Acc (acceptable) or Rej (rejected) against the acceptance level of the code, for example ISO 5817 level B or C, ASME B31.3 or AWS D1.1.

Project	Report number	Date

Drawing / isometric	Code and acceptance level	Inspector

Weld no.	Welder ID	Size / thk.	Cracks	Lack of fusion	Porosity	Undercut	Reinforce-ment	Root (where visible)	Spatter, arc strikes	Result	Remarks

Sign-off	Name	Company	Signature	Date
Welding inspector				
Client				