

PENETRANT TESTING EXAMINATION REPORT

Data Project

CLIENT	My first client	REPORT NUMBER	PT-000052
PROJECT	My first project	PROCEDURE NUMBER	PT-0001-01
LOCATION	Athens	EXAM DATE	21.12.2021
SPECIFICATION STANDARDS	EN ISO 3059:2012 EN ISO 3452-1:2013	ACCEPTANCE STANDARDS	EN ISO 23277:2015
PROJECT ID	WELD SAMPLE	DRAWING NUMBER	N/A

Data Inspection

WELDING PROCESS	111	BASE MATERIAL THICKNESS	10 mm
WELDING JOINT TYPES	BUTT JOINT	THICKNESS REINFORCEMENT	1.5 mm
BASE MATERIAL	Carbon Steel	PRODUCT FORMS	PLATE
HEAT TREATMENT	N/A	SURFACE CONDITION	AS WELDED
		TEMPERATURE OF THE OBJECT	17 °C

Examination Results

S/N	TECHNIQUE IDENTIFICATION	TEST AREA	LENGTH OF AREA	DISCONTINUITY	DISTANCE FROM 0 POINT	LENGTH OF DISCONTINUITY	RESULTS
1	A PL11CS201-1	CAP	300.00 mm	linear indication	55 mm	26.00 mm	REJECTED
2	A PL11CS201-1	CAP	300.00 mm	linear indication	142 mm	20.00 mm	REJECTED
3	A PL11CS201-1	ROOT	300.00 mm	linear indication	216 mm	17.00 mm	REJECTED

Equipment and Technique A

PREPARATION AND PRECLEANING	Solvent cleaning	EXCESS PENETRANT REMOVAL METHOD	(C) SOLVENT-REMOVABLE, CLASS (2), NON-HALOGENATED	POSTCLEANING / PROTECTION	Solvent cleaning
PENETRANT TYPE	(II) COLOUR CONTRAST	EXCESS PENETRANT REMOVED BY	Lint-free cloth lightly moistened with solvent	DEVELOPER FORM	(e) SOLVENT-BASED (NON-AQUEOUS FOR TYPES II AND III)
PENETRANT APPLICATION	Spraying	DRYING METHOD	Wiping with a clean, dry, lint-free cloth	APPLICATION OF DEVELOPER	Spraying
PENETRATION (DWELL) TIME	15.00 min	DRYING TEMPERATURE	50 °C	DEVELOPMENT (DWELL) TIME	12.00 min
		DRYING TIME	2 min		



REPORTING

PENETRANT

EXCESS PENETRANT REMOVER

DEVELOPER

MANUFACTURER'S NAME	Srem	MANUFACTURER'S NAME	Srem	MANUFACTURER'S NAME	Srem
PRODUCT DESIGNATION	FLUXO P125	PRODUCT DESIGNATION	FLUXO S190	PRODUCT DESIGNATION	FLUXO R175
BATCH NUMBER	L191001/1	BATCH NUMBER	L190520/4	BATCH NUMBER	L200309

VIEWING CONDITIONS

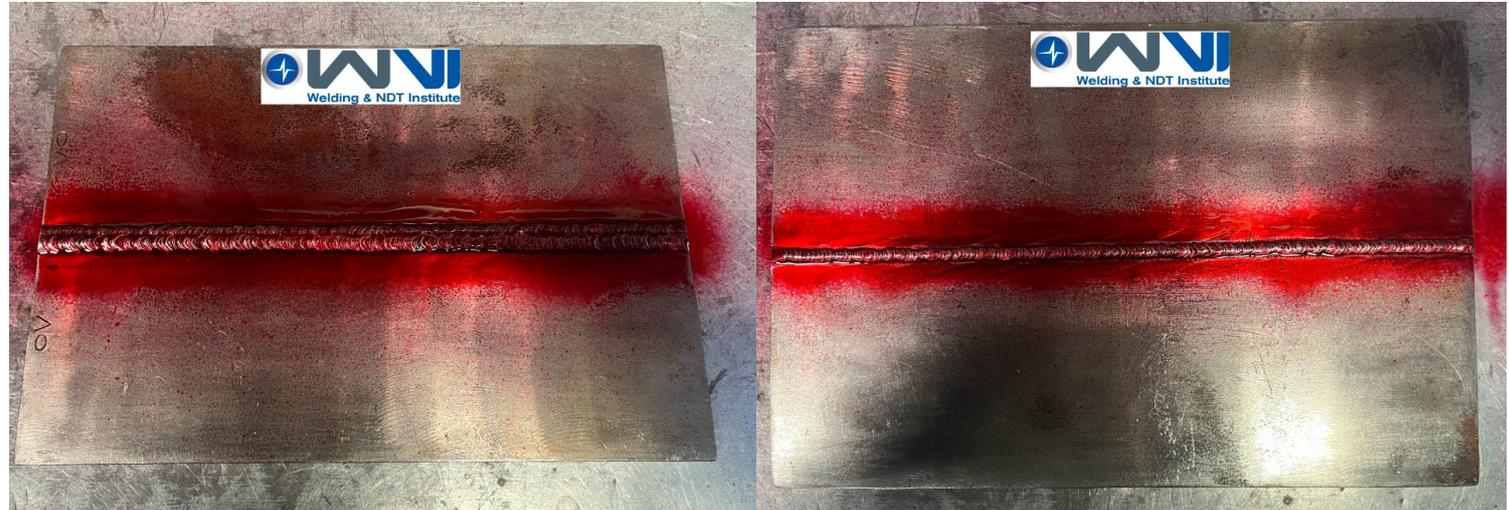
ILLUMINANCE DURING THE REMOVING OF EXCESS PENETRANT	550.00Lux
ILLUMINANCE DURING THE INSPECTION	1400.00Lux

Signatures

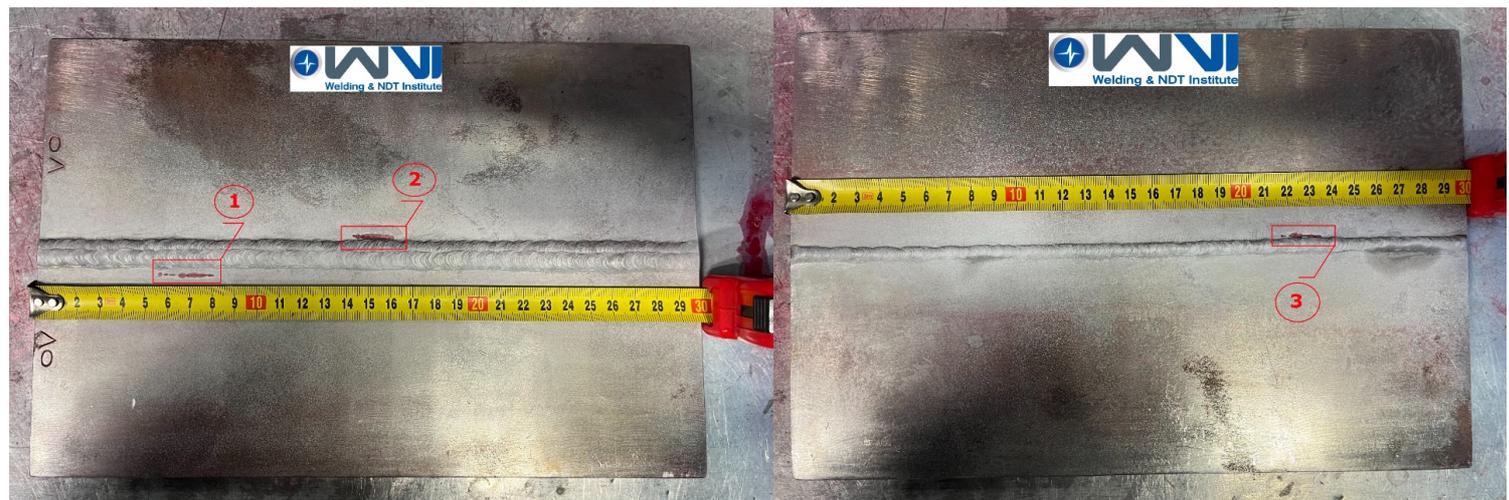
The undersigned, certify that the statements in this record are correct and that the welds and / or the samples were tested according to the requirements of the specified specifications and acceptance standards of the project. Equipment and Personal certifications are available upon request.

INSPECTED BY		APPROVED BY		ACCEPTED BY	
FULLNAME	George Adams	FULLNAME	John White		
LEVEL	2	LEVEL	3		
CERTIFICATION SCHEME	EN ISO 9712	CERTIFICATION SCHEME	EN ISO 9712		
SIGNATURE DATE	21.12.2021	SIGNATURE DATE	21.12.2021		
SIGNATURE		SIGNATURE			

Sketches, Images & Measurements



APPLY PENETRANT



APPLY DEVELOPER

