

TEST CASE PLANNING AND EXECUTION TEMPLATE



TEST TITLE	PRIORITY	TEST CASE ID	TEST NUMBER	TEST DATE
Sensitivity jig	HIGH	R1225-MJ	1	05.12.2020

TEST DESCRIPTION	TEST DESIGNED BY	TEST EXECUTED BY	EXECUTION DATE
Validation of New jig	JTR	JTR + VBA	

TEST DESCRIPTION	TEST DEPENDENCIES	TEST CONDITIONS	TEST CONTROL
Design: Making; Qualifications of the jig	Quality of Design, Drawings, milling and assembly	Design Finished, Waiting for Approval	Golden Sample sensitivity match

PRIORITY KEY

LOW
MEDIUM
HIGH

STEP ID	STEP DESCRIPTION	TEST DATE	EXPECTED RESULTS	ACTUAL RESULTS	PASS / FAIL	ADDITIONAL NOTES
1	Design	13/05/2020 - 10/06/2020	Approving the design			Needs to be approve by VBA/KVA/JVO(JHA)
2	Waiting for quotes	22/04/2020 - 11/06/2020	Receiving quotes for making (Managing making details fe. Tolerances)			Best For now : Nastrojarna - CCA 1000 USD (Material, assembly, nitridation included)
3	Waiting for Jig Delivery	11/06/2020 - 09/07/2020	Recieveing Assembled Jig			From Nastrojarna It comes assembled. Core functionality can be proved. Only missing part is press (source of force)
4	Choosing the press	09/07/2020 - 19/07/2020	Choosing between 1.6kN or 4.2kN Press			Choosing by our testing with R1180 hand press or going to Presston laboratory to testing the right force (Presston is preferable choice)
5	Order and waiting for press	19/07/2020 - 09/08/2020	Recieving choosed press			On base of testing ordering the right press. Our estimate is 1.6kN press. (Lead time 3 weeks)
6	Mounting chosen Press to Jig	09/08/2020 - 16/08/2020	Jig ready to be proven			Mounting press to Jig base and checking right motion
7	Qualification of the Jig	16/08/2020 - 28/08/2020	Proving functionality of the jig			We need to make sure that force is known and has really good repeatability, sensor doesn't falling of the base, stiff cable isn't a issue. Same sensor 10 times measuring with same sensitivity -> If failed- Next version
8	Second Version	28/08/2020 - 04/09/2020	Design second version with fixed problems			Design of New Part (R1225_01_01 Jig 1_Guidance)
9	Waiting for Delivery nr.2	04/09/2020 - 01/10/2020	Delivery of new parts			Since we are ordering one part delivery time should be shorter
10	Reassembly + Fixing	01/10/2020 - 09/10/2020	New Design ready to be proved			Changing parts for new gen. Checking motion and working
11	Qualification of the second version Jig	09/10/2020 - 23/10/2020	Proved design ready to be placed in production			We need to make sure that force is known and has really good repeatability, sensor doesn't falling of the base, stiff cable isn't a issue -> If failed- Next version

Equipment needed: 5 sensors assembly without cover, not potted, Oscilloscope, DC 24V power suply, Power circuit of the sensor, vibrometer, Golden Sample, metal plate

Quotes	1.6kN press	4.2kN press
Jig	847,83	847,83
Press	975,81	1309,77
Summary (USD without DPH/taxes)	1823,64	2157,60