

Factory Acceptance Test - Generic

Test procedure:

Testing Company:	Client:
Vention Representatives:	Client Representatives:
Project:	Client Titles:

1	Mechanical Verification	Accepted			Comments	Initials	Date
1.1	Equipment assembled per design	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
1.2	Frame and motion parts securely fixed	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
1.3	Axes aligned and calibrated	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
1.4	Pneumatics sealed, no leaks under pressure (60 sec)	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			

2	Electrical Checks	Accepted			Comments	Initials	Date
2.1	Wiring per ASD diagram	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
2.2	Cables secured, no movement obstruction	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
2.3	Devices power up without faults	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
2.4	All sensors tested and functioning	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			

3	Functional Tests	Accepted			Comments	Initials	Date
3.1	Sequence starts on operator command	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
3.2	Motion runs correctly with test parts	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
3.3	Handles up to 100 kg payload	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
3.4	Runs loop cycles without stopping	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			

3.5	UI accepts metric & imperial units	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
3.6	Achieves target throughput (X pcs/min)	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
3.7	Noise < 75 dB	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
3.8	Machine anchored to floor	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
3.9	Manuals and guides delivered	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
3.10	Operators trained	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
3.11	Maintenance instructions provided	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			

4	Safety Verification	Accepted			Comments	Initials	Date
4.1	Risk assessment completed and shared	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
4.2	All E-stops tested and functional	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
4.3	E-stop halts all motion instantly	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
4.4	Safety enclosure installed and fixed	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
4.5	Safety zones limit machine operation	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
4.6	Speed resumes only after fault reset	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			

Has the machine passed all validation and functionality tests: