



MASADA SEISAKUSHO CO., LTD.

2-1-1 Ninomiyahigashi, Akiruno-shi,
Tokyo 197-0815 JAPAN

TEL. 042-559-1113
FAX. 042-559-7334

Tokyo
Our Ref.
Your Ref.

INSPECTION CERTIFICATE OF HYDRAULIC JACKS

Messrs. : _____

Destination : _____

Lot No. : MQ1

Model No. : MH-20

Lot Size : _____

Date Inspected : 2019/12/17

No.	INSPECTION ITEMS	INSPECTION STANDARD	INSPECTION METHOD	RESULT
1	APPEARANCE	Surface must be even and free from any defective cracks, mars, rust and etc. Painting must also be satisfactory.	Sampling 3 per lot	Passed
2	NO-LOAD OPERATION TEST	All movements must be smooth and there should be no sign of oil leakage. Over travel prevention device (by-pass) must function properly.	Sampling 3 per lot	Passed
3	LOAD OPERATION TEST	With 24,000 kgf. load, pump up to the full stroke 3 times and check to see if any oil leakage exist.	Sampling 3 per lot	Passed
4	PROOF LOAD TEST	Keep applying test load of 30,000 kgf. for 3 minutes and see if any oil leakage or deformation observed.	Sampling 3 per lot	Passed
5	LEAKAGE TEST I	Apply 20,000 kgf load. for 3 minutes duration and measure sinking amount. Sinking must be no more than 0.2mm.	Sampling 3 per lot	Passed
6	OPERATING FORCE OF HANDLE	With 20,000kgf. load. Should be less than 35 kgf.	Sampling 3 per lot	Passed
7	DESCENT FORCE OF RAM	Should be less than 40 kgf.	Sampling 3 per lot	Passed
8	SIDE-LOAD TEST	Apply side load of 20,000 kgf. from 6 degree angle for 3 minutes duration and check to see if any defects such as deformation, etc.	Sampling 3 per lot	Passed
9	LEAKAGE TEST II	Lay jack on side and leave it for one hour. Each section should be free from any sign of oil leakage.	Sampling 3 per lot	Passed

DIMENSIONAL INSPECTION

Sampling 3 per lot

Sample	Min. Height	Lift	Extension of screw	Weight	Descent force of Ram	Ram Sinking
	270 (mm)	160 (mm)		11.9(kg)	(kg)	(mm/3 minutes)
1	268.3	166.5	N/A	11.5	30	0.01
2	268.5	166.7	N/A	11.5	30	0.01
3	268.7	167.2	N/A	11.5	30	0.01

T. Yoda

Teruhiro Yoda/ Manager
Quality Assurance Section
MASADA SEISAKUSHO CO., LTD.