



# 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 : \_\_\_\_\_

30 September 2015

Lot No. : \_\_\_\_\_

Model No. : MH-12

Lot Size : \_\_\_\_\_

Date Inspected : 01 September 2015

No.	INSPECTION ITEMS	INSPECTION STANDARD	INSPECTION METHOD	RESULT
1	APPEARANCE	Welded surface must be even and free from any defective cracks, mars, rust and etc. Painting must also be satisfactory.	100%	Passed
2	NO-LOAD OPERATION TEST	All movements must be smooth and there should be no sign of oil leaks. Over travel prevention device (by-pass) must function Properly.	100%	Passed
3	LOAD OPERATION TEST	With 12000 kgf. load, pump up to the full stroke 3 times and check to see if any oil leakage exist.	Sampling 5 per lot	Passed
4	PROOF LOAD TEST	Keep applying test load of 15000 kgf. for 3 minutes and see if any oil leakage or deformation observed.	Sampling 5 per lot	Passed
5	LEAKAGE TEST I	Apply 10000 kgf load. for 3 minutes duration and measure sinking amount. Sinking must be no more than 0.2mm.	Sampling 5 per lot	Passed
6	OPERATING FORCE OF HANDLE	With 10000kgf. load. Should be less than 35 kgf.	Sampling 5 per lot	Passed
7	DESCENT FORCE OF RAM	Should be less than 40 kgf.	Sampling 5 per lot	Passed
8	SIDE-LOAD TEST	Apply side load of 10000 kgf. from 6 degree angle for 3 minutes duration and check to see if any defects such as deformation, etc.	Sampling 5 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 leaks.	Sampling 5 per lot	Passed

### DIMENSIONAL INSPECTION

Sampling 3 per lot

Sample	Min. Height 240 (mm)	Lift 150 (mm)	Extension of screw 80(mm)	Weight 7.2(kg)	Descent force of Ram (kg)	Ram Sinking (mm/3 minutes)
1	239.7	153.3	81.1	7.1	20.0	0.01
2	239.4	152.2	81.0	7.1	20.0	0.01
3	239.8	151.6	80.6	7.1	25.0	0.01