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Major category : - UNSPSC - 2410 00 Material Handling Machinery and Equipment

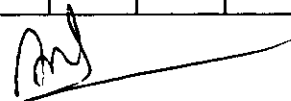
Sub Category : - UNSPSC Code - 241016 Lifting Equipment and Accessories

Hydraulic Jack System 20 Ton for Disaster Operations : UNSPSC Code - 24101699 T

S.No.	Parameters	Grouping		Value 1	Value2	Value 3	Golden	Validation	Whether Filter Required	p r i t o y	U n i t
1	Confirming Standards and Certifications for the complete equipment	S	E	EN 13204 / NFPA 1936/Equivalent Standards			G			1	
2	Certification No and Details of Certifying Agencies	S	Text							2	
2	Hydraulic Jack System should consist of 3 parts such as wedge jack, Toe Jack and Hydraulic foot pump	S	E	Yes			G			2	
4	Wedge Jack is used to create space during rescue operation, when minimum insertion space is available	P	E	Yes						4	
5	Wedge jack is useful to create space to further insert Toe Jack, Air Lifting Bag, Spreader or a Combitool (Cutter cum Spreader) and ultimately, rescuing a trapped victim and it can be used to lift items such as such as trams, subways, buses, trucks and heavy machinery	P	E	Yes						5	
6	A Toe Jack is designed to lift items with very low or high clearances and are ideal for lifting loads that are lower down on the ground, such as trams, subways, buses, trucks and heavy machinery	P	E	Yes						6	

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7	Material of the Body of Wedge Jack	M	E	Rigid Alloy Steel		G			7	
8	The blades of the Wedge jack shall be made with Alloy Steel with grooves for providing extra grip	P	E	Yes					8	
9	Hardness of the blade of wedge jack at tip in HRC	P	N				>40			
10	Flexible syntheti rubberised protective cover shall be provided over the blades	P	E	Yes	No				9	
11	Working pressure of Wedge Jack in Bar	P	N				>700		10	
12	Lifting height of Wedge Jack in mm	P	N				>50		11	mm
13	Insertion height of Wedge Jack in mm	P	N				>14		12	mm
14	Lifting force for Wedge jack in Tons	P	N				≥ 20 T		13	T
15	Wedge angle	P	E	15° min					14	
16	Weight of Wedge Jack (ready for use) in kgs	P	N				≤ 15 Kg		15	Kg
17	Double acting cylinder shall be provided	P	E	Yes					16	
18	Material of the cylinder	M	E	Rigid Aluminium Alloy					17	
19	Toe jack shall provide double action of precision hydraulic lifting and lowering	P	E	Yes					19	
20	Insertion Height of Toe in mm	P	N				≤ 60 mm		20	mm
21	Low cap Height for toe in inches	P	N				≥ 10		21	inches
22	Retractable length of Toe Jack	P	N						22	



23	Stroke for Toe Jack IN mm	P	E	Yes						>=250		23	mm
24	Maximum lifting force at the centre in Tonnes	P	N							≥ 12		24	T
25	Maximum Lifting Force of the Toe in Tonnes	P	N							≥ 10		25	T
26	Operating Temperature range	P	E	minus 10 degree to + 60 degree								26	
27	Overall dimensions for wedge jack in mm x mm x mm	P	Text									27	mm x mm x mm
28	Overall dimensions for toe jack in mm x mm (Base x height)	P	Text									28	mm x mm
29	Hydraulic foot pump along with 10 meter hose matching with toe jack and wedge jack shall be supplied	P	E	Yes								29	
30	Safety Factor for hose	P	E							≥4		30	
31	Hose supplied should have quick release coupling	P	E	Yes									
32	Warranty in years	P	E	1	2	3						31	
33	Demonstration of equipment and training to be provided after completion of supplies before acceptance	A	E	Yes								32	
34	Availability of Test report from Central govt/ NABL/ILAC accredited lab /Certifying Agencies FOR CONFORMING Standards covering all parameters	R	E	Yes									
35	Test Report No	R	Text										
36	Testy Report Date	R	Text										
37	Name of the Lab/Organisation issueing the test Report	R	Text										

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39	Copies of Test Reports/Certifications to be submitted to buyer on demand at time of supplies	R	E	Yes						
39	Instruction Manual to be supplied with the machine	P	E	Yes						

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