

Balamanan Inspection Items

User	
Machine	BMH

Serial No.: _____

Date of Inspection: _____ Date: _____

Location of installation: _____

Person inspecting: _____

No.	Check sheet	Method of inspection:	Date of inspectio	Condition	Description of work done:	Remarks:
Main body and mounting	1	Confirm primary air pressure	Visually inspect	A	Good · Not good	
	2	Check air set drain level	Drain piping	A	Good · Not good	
	3	Clean air set element	Disassemble and clean	B	Good · Not good	
	4	Replace air set element	Disassemble and replace	C	Good · Not good	
	5	Check air hoses, joints, etc, for damage and leaks	Visually inspect and feel	A	Good · Not good	
	6	Check to make sure nuts and bolts are tight. Tighten if necessary. (When inspecting bolts and nuts, all parts that are retightened, must be marked.) (1) Main unit hanging mount (2) Body (3) End effector and end effector mounts (4) Check tightness of swivel fitting lock nut (check for marking, cotter pin abnormalities) (5) Other			Good · Not good	
					Good · Not good	
			Visually inspect and tighten	B	Good · Not good	
				B	Good · Not good	
				A	Good · Not good	
	7	Check for damage and abnormalities in wire ropes and retainer brackets	Visually inspect, feel and replace	A	Good · Not good	
	8	Check for unusual noise and vibration during operation	Confirm operation	A	Good · Not good	
	9	Confirm switches, limit switches, etc. operate normally	Confirm operation	B	Good · Not good	
10	Check for abnormal wear or damage to wire guide sections, etc.	Visually inspect	C	Good · Not good		
11	Check for abnormalities in main body hoist mounts	Visually inspect	C	Good · Not good		
12	Inspect or replace hooks or mounting bolts	Disassemble and visually inspect	C	Good · Not good		
13	Check the jump prevention unit (1) Check operation (confirm that the arm moves up and down, and the jump locks in place). (2) Check for oil leakage (Old type H-30, 60 only) (3) Check for loose screws	Confirm operation Visually inspect and tighten		Good · Not good		
				A	Good · Not good	
				A	Good · Not good	
End effector	14	Check vacuum pads for wear, damage, etc.	Visually inspect, feel and replace	B	Good · Not good	
	15	Check for wear damage on the claw	Visually inspect	B	Good · Not good	
	16	Check air cylinder for air leaks and proper operation	Confirm operation	C	Good · Not good	
	17	Check for damage and bends in piping	Visually inspect and feel	A	Good · Not good	
	18	Other		C	Good · Not good	

Inspection interval...A: Daily; B: One-month (all items including daily inspection); C: Six-month (all items including daily and one-month inspections)

Action [V: Inspect; C: Clean; OV: Disassemble; △: Repair; ▲: Replace; A: Adjust; O: Tighten; □: Lubricate]