Balaman Inspection Items

User		Serial	Serial No.:			Date of Inspection:	Date:
Machine		BMF, BMC Locat	ion of installation:		Person inspecting:		
$\overline{\mathbb{N}}$	No.	Check sheet	Method of inspection:	Date of inspectio	Condition	Description of work done:	Remarks:
	1	Check air set drain level	Drain piping	А	Good • Not good		
	2	Clean air set element	Disassemble and clean	В	Good • Not good		
	3	Replace air set element	Disassemble and replace	С	Good • Not good		
	4	Check air piping hoses, joints, etc, for damage and leaks	Visually inspect and feel	А	Good ⋅ Not good		
	5	Check to make sure nuts and bolts are tight. Tighten if necessary.	Visually inspect and tighten		Good • Not good		
		(1) Mounting		В	Good • Not good		
		(2) Main body, arm		В	Good • Not good		
		(3) End effector and end effector mounts		А	Good • Not good		
ting		(4) Other		В	Good ⋅ Not good		
Main body and mounting	6	Check for abnormalities such as missing or damaged bearings, snap	Visually inspect	А	Good ⋅ Not good		
u pr		rings, split pins, etc.			_		
l√ ar	7	Check for unusual noise and vibration during operation	Confirm operation	A	Good • Not good		
poc	8	Confirm switches, limit switches, etc. operate normally	Confirm operation	В	Good • Not good		
lain	9	Check for abnormal wear or damage to guide rail sections, etc.	Visually inspect	С	Good • Not good		
\geq	10	Check for abnormalities and cracks in welds, etc.	Visually inspect Disassemble and	С	Good • Not good		
	11	Inspect or replace hooks on the chain and mounting bolts	visually inspect	С	Good ⋅ Not good		
	12	Check for abnormal movement in horizontal operation	Confirm operation	С	Good • Not good		
	13	Check the jump prevention unit	Confirm operation		Good • Not good		
		(1) Check operation		А	Good ⋅ Not good		
		(confirm that the arm moves up and down, and the jump locks in					
		(2) Check oil leaks	Visually inspect and tighten	А	Good ⋅ Not good		
		(3) Check for loose screws		А	Good • Not good		
	14	Check vacuum pads for wear, damage, etc.	Visually inspect, feel and replace	В	Good • Not good		
ctor	15	Check for wear and damage to claws, etc.	Visually inspect	В	Good ⋅ Not good		
fffec	16	Check air cylinder for air leaks and proper operation	Confirm operation	С	Good ⋅ Not good		
End Effector	17	Other		С	Good ⋅ Not good		
Ξ					Good ⋅ Not good		
					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]