KES

Electric Trial of Welding Fixture

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1. Scope of Application

This standard shall specify the minimum basic items on the trial of own factory welding fixture and surrounding equipments. (Other items are executed after conversation with the concerned person)

2. Check Items on Fixture Equipment Trial

No.	Inspect item	Inspection contents	Inspect result	Determi-nation
1	Control Part	1. Is the exterior box composed of water & vibration resistant structure? 2. Is the preserving solution of exposed filler enough? 3. Is dynamic power separated from control power? 4. Is electric lines arranged well? 5. Is the interior light appropriate? 6. Is heater and cooling fan installed in the control part? 7. Is temperature controller of cooling fan and heater installed? 8. Is there an emergency switch? 9. Is the condition of indication lamp appropriate? 10. Is each of name plate appropriate? 11. Is mount condition for lock nut, bushing of pipe laying appropriate? 12. Is noise solution of PC confirmed? 13. Is earth terminal clearly contacted? 14. Is there anything used by deforming the terminal? 15. Is there any difficulty to inspect operating condition of relay? (Confirmation of led adhering condition)		

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No.	Inspect item	Inspection contents	Inspect result	Determi-nation
1	Control Part	16. Is the condition for adhesion of terminal appropriate? 17. Is the terminal number equal to the drawing? 18. Is the condition for numbering of cable appropriate? 19. Is color indication equal to the power cable laying? 20. Is the meggaring for cable laying more than the specification? Dynamic power circuit: More than 10M Control Circuit: More than 2M 21. Is number or symbol identical to drawing attached to each component? 22. Is the mis-penetration of contact connector prohibited? 23. Is terminal treatment of spare line appropriate? 24. Is the indication of spare line done? 25. Is the determination of each bolt, nut of over load appropriate? 26. Is each bolt, nut tightened appropriate? (Existence of eye marking) 27. Water resisting treatment on the inner inlet of pipe done appropriate?		

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