

# Inspection and Test Record for Electric Motor - Cage-Induction Type (including control unit)

Record No.: \_\_\_\_\_  
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Client: _____ Project No.: _____ Project Name: _____	Subcontractor: _____ Subcontract P.O. No.: _____ Motor No.: _____
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<u>Additional Information:</u> Manufacturer: _____ P.O. No.: _____ Location: _____ Driven Equipment: _____ Serial No.: _____	System Voltage: _____ V rating: _____ kW Reference Document: _____
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Items to inspect	Subcontractor	Company		Remarks
	inspected initials/date	Hold Point	inspected* initials/date	
Note: Tests marked (A) may be waived for motors below 30 kW rating. Tests marked (B) may be waived for motors below 100 kW rating driving centrifugal pumps.				
1.0 Motor record sheet (for pre-commissioning inspection only)		h		
2.0 Inspection of the switchgear motor supply unit completed:  Sheet No.:		h		
3.0 Insulation resistance tests:  Before connecting cable: test voltage                      V DC  insulation resistance of cable (phase to earth + phases) R-E      S-E      T-E      Mohm  insulation resistance of motor (phases to earth) after 1 min.                      Mohm after 10 min.                      Mohm (A) polarizing index                      Mohm (A)		h		

H - Company's presence is mandatory for all activities in section.                      Attachments, No. of pages: \_\_\_\_\_  
 h - Company's presence is mandatory.

Accepted for Subcontractor	Accepted for Company	Accepted for Client
Name: _____	Name: _____	Name: _____
Signature: _____	Signature: _____	Signature: _____
Date: _____	Date: _____	Date: _____

\*Company only initials for holdpoint

# Inspection and Test Record for Electric Motor - Cage-Induction Type (including control unit)

Record No.: \_\_\_\_\_

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Client: _____	Subcontractor: _____
Project No.: _____	Subcontract P.O. No.: _____
Project Name: _____	Motor No.: _____

Additional Information:	System Voltage:
Manufacturer:	V rating: _____ kW
P.O. No.:	
Location:	
Driven Equipment:	
Serial No.:	Reference Document:

Items to inspect	Subcontractor	Company		Remarks
	inspected initials/date	Hold Point	inspected* initials/date	
After connecting cable:  check cable connection insulation resistance motor + cable (phases to earth) Mohm		h		
4.0 Earthing:  Check the conditions of earthing connection at: motor control unit		h		
5.0 Special items:  check anti-condensation heater  test insulation resistance of heater at 500 V Mohm  test insulation resistance of temperature detector at 500 V Mohm  inspect electrical system aux. motors		h		

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# Inspection and Test Record for Electric Motor - Cage-Induction Type (including control unit)

Record No.: \_\_\_\_\_

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Client: _____ Project No.: _____ Project Name: _____	Subcontractor: _____ Subcontract P.O. No.: _____ Motor No.: _____
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Additional Information: Manufacturer: P.O. No.: Location: Driven Equipment: Serial No.:	System Voltage: V rating: _____ kW Reference Document:
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Items to inspect	Subcontractor	Company		Remarks
	inspected initials/date	Hold Point	inspected* initials/date	
6.0 Basic inspection completed: Sheet No.:		h		
7.0 Test/record the following items in uncoupled condition:  record rotation from NDE: CW/CCW  measure vibration - refer sheet No. (A) max. reading DE/NDE (A)  record  starting time (if over 1 sec.) sec/(A) (B)  starting current A (A) (B)  no load current A  bearing temperature: bearing temperature (A) (B over 30 min.):		h		
8.0 Record in coupled condition: starting time (if over 1 sec.) sec. (A)		h		
9.0 Remedial action completed:		h		

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Name: _____	Name: _____	Name: _____
Signature: _____	Signature: _____	Signature: _____
Date: _____	Date: _____	Date: _____

\*Company only initials for holdpoint