

Audience: <b>Global</b>	Confidentiality: <b>2 / Confidential</b>	Author: <b>J.Simmonds</b>
Title: <b>Inspection, Testing and Calibration Policy</b>	Version: <b>1.0</b>	Checked: <b>Dong Yinming</b>
Documentation Number: <b>0.000.16.018</b>	Reason for issue: <b>First release</b>	Approved: <b>Pan Yantian</b>
Approval process: <b>Manual</b>	Issue Date: <b>2016-09-21</b>	
<small>The present document, its content, its annexes and/or amendments (the "Document") has been developed by GOLDWIND SCIENCE AND TECHNOLOGY CO. LTD. ("Goldwind") for information purposes only, and contains private and confidential information regarding Goldwind and its subsidiaries, directed exclusively to its addressee. Therefore it must not be disclosed, published or distributed, partially or totally, without the prior written consent of Goldwind, and in any case expressly indicating the fact that Goldwind is the owner of all the intellectual property. All the content of the Document, whether it is texts, images, brands, trademarks, combination of colours or any other element, its structure and design, the selection and way of press. In particular (notwithstanding the general confidentiality obligation), the addressee shall not reproduce (except for private use), copy, transform, distribute or publish to any other third party, any of the information, totally or partially.</small>		

# Goldwind International Document

## Inspection, Testing and Calibration Policy



### RECORD OF CHANGES

Version	Date	Reason for Issue	Author	Checked	Approved
1.0	2016-09-21	First release	J Simmonds	DongYinming	Pan Yantian

This is a controlled document. Whilst this document may be printed, the electronic version posted on the intranet is the controlled copy. Any printed copies of this document are not controlled.

## 1 Scope and coverage

This policy establishes the Goldwind mandatory requirements for:

- The regular inspection and testing of assets to ensure that they remain in a safe condition
- The calibration of associated measuring equipment

It covers assets, either owned or managed by GWI or subsidiaries that are required to be periodically inspected, tested or calibrated, to ensure correct operation including but not limited to:

- Personal Protective Equipment
- Lifting equipment
- Fall arrest equipment
- Electrical appliance and power tools
- Lifts, hoists, elevators and climb assists
- Plant (mobile and fixed) including vehicles
- Balance of Plant

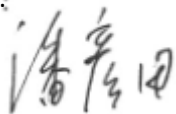
This policy applies to all Goldwind International and Subsidiary workers operating under Goldwind management systems.

## 2 Policy statement

Mandatory policy requirements are:

- All items requiring inspection testing and calibration shall be identified and inspection dates captured and monitored.
- Inspection, testing and calibration shall be conducted in accordance with manufacturers or statutory requirements, whichever is the highest.
- Equipment that is no longer needed, serviceable, or cannot be calibrated shall be physically segregated/quarantined and tagged as out-of-service until repaired or discarded. Defective equipment or plant that cannot be physically segregated shall be identified as out-of-service until repaired or replaced
- Projects instruments shall be calibrated according to the provision of the *Instruments Hierarchical Periodic Calibration Table – Appendix A*
- Inspection, testing and calibration records shall be kept for all items in accordance with *Control of Documentation Guideline*

Signature:



Pan Yantian  
Goldwind International General Manager

Effective Date: 2016.9.21

**Appendices A - Instruments Hierarchical Periodic Calibration Table**

NO.	Category	Instruments name	Level	Period(M)
1	Length category	Hydraulic Wrench	B	12
2	Length category	Hydraulic Torque Stretcher	B	12
3	Length category	Dial Indicator	B	12
4	Length category	Vernier Caliper	C	12
5	Length category	Horizontal Meter	B	12
6	Length category	Laser Alignment Instrument	B	12
7	Length category	Feeler Gauge	C	12
8	Length category	Steel Tape	C	12
9	Length category	GPS	—	—
10	Length category	Electronic Total Station	—	—
11	Length category	Leveling Instrument	—	—
12	Length category	Automatic Leveling Instrument	—	—
13	Length category	Electronic Theodolite	—	—
14	Mechanics category	Torque multiplier	B	12
15	Mechanics category	Torque Wrench	B	12
16	Mechanics category	Digital rubber sclerometer	—	—
17	Mechanics category	Portable Vibration Meter	—	—
18	Mechanics category	Infrared Belt Tension Meter	B	12
19	Mechanics category	Electronic Scale	—	—
20	Mechanics category	Cement Weigher	—	—
21	Mechanics category	Gravity proportioning scale of mixing station	—	—
22	Mechanics category	Concrete batching machine sling	—	—
23	Mechanics category	Pressure Gage	B	12
24	Electromagnetism category	Insulation Resistance(megohm)Meter	A	12
25	Electromagnetism category	Digital Multimeter	C	12
26	Electromagnetism category	Pincer-like Digital Ammeter	C	12
27	Electromagnetism category	Ground Resistance Meter(Ground ResistancTester)	A	12
28	Electromagnetism category	Phase-sequence Meter	B	12

NO.	Category	Instruments name	Level	Period(M)
29	Electromagnetism category	Insulation Tester	A	12
30	Electromagnetism category	Pressure Resistance Tester	A	12
31	Electromagnetism category	DC Low Resistance Tester	A	12
32	Electromagnetism category	Transformer DC Resistance tester	A	12
33	Electromagnetism category	Digital Dual-phase Voltammetry Meter	A	12
34	Electromagnetism category	Voltage Divider	A	12
35	Electromagnetism category	Full-automatic Transformer Radio Tester	A	12
36	Electromagnetism category	Function Signal Generator	—	—
37	Electromagnetism category	Digital Storage OSC	—	—
38	Electromagnetism category	LCR Tester(Bridge)LCR	—	—
39	Electromagnetism category	Four-channel Oscilloscope	—	—
40	Electromagnetism category	Differential Probe	—	—
41	Electromagnetism category	Dual-channel Portable Vibration Analysis and Balancing Instrument	—	—
42	Electromagnetism category	Capacitance Tester	B	12
43	Optics category	Freezing Point Tester	B	12
44	Calorifics category	Infrared Radiation Thermometer	C	12
45	—	Demonstration Sever	—	—
46	—	Test Software	—	—