

Audience: Global	Confidentiality: 2 / Confidential	Author: J Simmonds
Title: Control of Hazardous Energy (Lockout and Tagout) Policy	Version: 1.0	Checked: Dong Yinming
Documentation Number: 0.000.16.019	Reason for issue: First release	Approved: Pan Yantian
Approval process: Manual	Issue Date: 2016-09-21	
<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

Control of Hazardous Energy (Lockout and Tagout) 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

The purpose of this Global Policy is to set out the minimum requirements used by Goldwind to reduce the risks to workers associated with hazardous energy systems by ensuring that, prior to working on any equipment that it is rendered safe by releasing any stored energy and therefore cannot be energized at either local or remote locations.

This Global Policy applies to all Goldwind International workers and Subsidiary employees and contractors working under Goldwind International management systems. This policy does not apply to:

- Specialist isolating procedures for wind turbine generators during commissioning
- HV switching procedure during O&M, refer to site specific "HV Safety Procedures" document
- Work on cord and plug connected electric tools and equipment, for which exposure to the hazards of unexpected energization or start-up of the equipment is controlled by unplugging of the equipment from the energy source and by the plug being under the exclusive control of the employee performing the servicing or maintenance

2 Policy statement

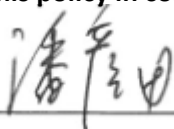
Control of Hazardous Energy can be established by creating a break in the energy supply in a secure manner, thereby ensuring that inadvertent reconnection is not possible i.e. an isolation. This requires the use of secure physical barriers ("Lockout and Tagout") to protect people, the environment and property from unplanned energization of a system, start-up of machinery, release of energy or release of toxic and flammable substances. Goldwind require that all energy sources are isolated and secured prior to the start of work.

Mandatory policy requirements are:

- Senior Management shall ensure processes are in place to protect the health, safety of workers who carry out operations that involve isolating, or working on, isolated equipment
- The equipment or plant to be worked on, the work to be done and the isolations required shall be established
- A risk assessment shall be conducted to identify all the hazards and risks associated with the work to be conducted and the isolation methods and implementation to be used to reduce the risks to ALARP
- Lockouts shall be the preferred method of isolation
- Tagout shall only be used if Lockout is not physically possible
- The equipment shall be tested to prove the isolation is effective and ensure the hazardous energy has been dissipated or isolated prior to starting work
- All isolations shall be controlled
- All workers affected by or involved in the administration or implementation of the Lockout/Tagout process shall be trained to the appropriate level
- The control of hazardous energy procedures shall be audited to ensure they are being followed correctly and provide the levels of protection to personnel, equipment and the environment required

Note: Read this policy in conjunction with *Control of Hazardous Energy Guideline*.

Signature:



Pan Yantian
Goldwind International General Manager

Effective Date: 2016.9.21