



# Tool falling from height



## QSE alert

Associated non-conformity code: EV.000000685

This document contains public information and it is intended to share the lessons learnt from incidents and risk situations that could be of interest to others in the same sector as Acciona Energía.

This document may undergo updates due to the collection and analysis of better information, because of technical advances and the proposed measures etc. For this reason, it is very important to check with Acciona Energía for the latest versions of the issued alerts.

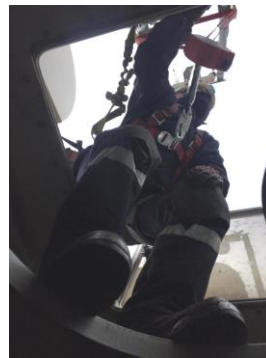
### SCOPE

- Worldwide  Local. Country:
- All Businesses  Construction  Production
- All Technologies  Wind Power  Hydraulic  Thermo-electric
- Photovoltaic  High voltage
- Others. Specify

### FACTS

The technician was preparing to replace the cup on the anemometer on a wind turbine employing Lagerwey technology. He used a ratchet socket wrench to accomplish this.

After replacing the cup, the technician put the wrench into his trouser pocket. When he crouched down to enter the trapdoor that gave access to the nacelle, the tool slipped out of his pocket and fell to the ground some 55 metres below and inside the cordoned-off area. There were no personal injuries or material damages.





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### LESSONS LEARNT

#### URGENT ACTION REQUIRING IMMEDIATE APPLICATION



- It is strictly forbidden to remain inside the cordoned-off safety area around the turbine. This incident reveals the safety benefits of this regulation.
- In cases where it is necessary to enter the cordoned-off area, either to access or exit the tower, the personnel who are working in the nacelle will be notified and requested to temporarily suspend their work.
- It is strictly forbidden to carry tools or other objects in open pockets.
- Closed tool-carrier bags must always be used.
- Gloves should be kept free of all substances that could cause adherence to be lost (grease and oil, etc).
- When employing tools in areas involving the risk of them falling to a different level, **validated securing systems or that fasten the tools to the technician's body or harness**, must be used to prevent them falling.

