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## SUMMARY

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Unit 5 introduces the importance of risk management in the maintenance of wind turbines.

Wind turbines in Europe are machines which are subject to the commercialization of machinery regulations and must carry the "CE" mark; therefore, the manufacturer must specify the maintenance guidelines and instructions to follow for their execution in a secure manner.

Unit 5 focuses on two main subjects: Electrical risk and Work at heights. It starts with a definition of the personal protection equipment and its categories, regards its manufacturing and commercialization.

It continues with the description and causes of electrical risks, involving the receiving of an electric shock or deflagration, independent of whether personal or material damages have occurred is called and electrical accident, and gives instructions for the maintenance tasks involving electrical voltage and not involving electrical voltage.

The second main topic of this chapter is Work at heights. All those operations which are conducted above the level of the ground are considered to be work at height. The main risks or those which occur with most frequency and imply consequences of great seriousness are falls to different levels.

This topic is divided into three subjects, and each subject has its each rule that must be followed before the maintenance activities take place. The three subjects are work at heights in the interior, work at heights by means of ropes and work at heights on elevated platforms.