

ABSTRACT

5 A method for authenticating a user to change a status of one or more security
devices in a lockout-tagout system includes receiving a request to change a
status of a security device of the lockout-tagout system; determining if a
permit is required to change the status of the security device; if a permit is
required, sending, to a computing device of a permit authorizer, a request for a
permit level approval; receiving, from the computing device, the permit level
approval; determining if the permit is approved at all required permit levels;
10 issuing a permit approval; determining if the user is eligible to receive an
access token for changing the status of the security device; and if the user is
eligible to receive the access token, sending, to a mobile computing device of
the user, the access token. The access token is configured to change the
access status of the security device for the user when transmitted to the
15 security device.

[Figure 8]

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