

G20. Is it permissible to use an existing crane for personnel lifting operations?

Personnel lifting with equipment not specifically designed for this purpose should only occur in exceptional circumstances, where safer alternatives are not practicable. When using **any** existing crane for personnel lifting, the following requirements must be met:

1. The crane must be adequate and suitable for the specific lifting task.
2. It should be equipped with the following safety and control devices:
 - Free-fall capability lock-out
 - Hoisting limiter
 - Lowering limiter
 - Rated capacity indicator
 - Rated capacity limiter
 - Where wire ropes are used for hoisting and lowering a carrier, they should have a minimum diameter of 8 mm.
3. The carrier must be securely attached to the crane using appropriate methods, such as a shackle or a hook with a latch.
4. Daily inspections of the crane and associated equipment must be carried out by a competent person (e.g., a trained operator or the person in charge of the lift).
 - If the crane is not used regularly, it must be inspected before its first use and each day it is in service.
5. The crane and its equipment should be derated, typically by 50%, to ensure safe operation during lifting.

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Lifting Equipment Engineers Association

3 Osprey Court
Hinchbrook Business Park
Huntingdon PE29 6FN
United Kingdom

Tel: +44 (0) 1480 432801 • Email: mail@leeaint.com