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Industrial trucks — Verification of stability —

Part 25: Rough-terrain variable-reach trucks operating in the special condition of handling freely suspended loads

Chariots de manutention — Vérification de la stabilité —

Partie 25: Chariots tout-terrain à portée variable fonctionnant dans la condition particulière de manutention de charges librement suspendues

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Introduction

In this document, verification of stability is intended to be the measure of resistance to overturning under rigidly-controlled static conditions that include considerations for dynamic factors for normal application and operation of a rough-terrain variable-reach truck operating in the special condition of handling freely suspended loads. Influencing factors include: mass, mass distribution, travel speed, wind actions, truck configuration for pick and carry operation, wheelbase, truck suspension, tyre and boom deflection under load.

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