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Earth-moving machinery — Vocabulary and taxonomy for automation and autonomy

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National foreword

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Foreword

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Introduction

This document defines the terms for automation and autonomy, and provides supporting content in the form of taxonomy for levels of automation and autonomy (LAA). This document can be used to describe, in a consistent manner, the full range of automated operating system (AOS) features equipped on machines.

This document serves the following purposes:

— standardizing the levels of automation and autonomy;

— clarifying the role of the operator, if any, during automated operating system engagement;

— providing a useful framework for automation and autonomy specifications and technical requirements;

— providing clarity in communications on the topics of automation and autonomy.

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