

# ISO 10987:2012-11 (E)

## Earth-moving machinery - Sustainability - Terminology, sustainability factors and reporting

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Sustainability factors .....	3
4.1	General .....	3
4.2	Work-site energy efficiency .....	4
4.3	Work-site greenhouse gas emissions .....	4
4.4	Product support for improving machine efficiency and use .....	5
4.5	Machine air quality emissions .....	5
4.6	Machine material re-use, recyclability and recoverability .....	5
4.7	Safety .....	5
4.8	Sound and vibration .....	5
4.9	Total useful life cost parameters .....	6
5	Reporting format .....	6
Annex A (informative)	Format for providing sustainability factor information for earth- moving machines .....	7
Annex B (informative)	Example for estimating machine energy efficiency .....	8
Annex C (informative)	Additional sustainability terminology .....	9
Bibliography .....		12