

# DIN EN 16228-6:2014-10 (E)

## Drilling and foundation equipment - Safety - Part 6: Jetting, grouting and injection equipment

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	6
4	List of additional significant hazards .....	7
5	Safety requirements and/or protective measures .....	7
5.1	General .....	7
5.2	Components .....	8
5.2.1	Fluid pumps, hoses and mixers .....	8
5.2.2	Working conditions .....	8
5.2.3	Additional requirements for hazardous gases .....	8
5.2.4	Remote control .....	8
5.2.5	Additional requirements for hoses used for jet-grouting .....	8
5.2.6	Emergency stops for jet-grouting .....	8
5.2.7	Hose fastening for jet-grouting .....	8
5.2.8	Burst safety factors for jet-grouting hoses .....	8
5.2.9	Conditions for testing the high pressure jet of jet-grouting drill rigs .....	9
5.3	Dust .....	9
6	Verification of the safety requirements and/or protective measures .....	9
6.1	General .....	9
6.2	Functional test .....	10
7	Information for use .....	10
7.1	Operator's manual .....	10
7.2	Maintenance instructions .....	11
Annex A (normative)	Noise test code .....	12
Annex ZA (informative)	Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC .....	13
Bibliography .....		14