

<b>Contents</b>	<b>Page</b>
1 Introduction.....	1
2 Scope .....	1
3 Definitions.....	1
3.1 Cylinder .....	1
3.2 Decomposition.....	1
3.3 Liquefied gas .....	2
3.4 Qualified nitrous oxide technician.....	2
3.5 Pressure .....	2
4 Properties and Hazards.....	2
4.1 Ammonium nitrate .....	2
4.2 Properties and hazards of nitrous oxide.....	5
5 Production process.....	5
5.1 Introduction and general description .....	5
5.2 Abstract of the production process.....	6
6 Periodic inspection and maintenance.....	13
6.1 General.....	13
6.2 Pressure relief devices .....	13
6.3 Ancillary equipment .....	14
6.4 Modifications and changes.....	14
7 Training and protection of personnel.....	14
7.1 Work permit .....	14
7.2 Entry into vessels .....	14
7.3 Training of personnel.....	15
8 Emergency procedures .....	15
9 References .....	16
<b>Table</b>	
Table 1—Ammonium nitrate .....	3
<b>Figure</b>	
Figure 1—Scheme of nitrous oxide production .....	7