

<b>Contents</b>	<b>Page</b>
1 Introduction.....	1
2 Scope .....	1
3 Argon.....	1
3.1 Properties .....	1
3.2 Production .....	1
3.3 Commercial uses.....	1
4 Nitrogen.....	2
4.1 Properties .....	2
4.2 Production .....	3
4.3 Commercial uses.....	4
5 Helium .....	4
5.1 Properties .....	4
5.2 Production .....	4
5.3 Commercial uses.....	4
6 Oxygen-deficient atmospheres.....	5
7 Inert gas containers.....	6
7.1 Regulations.....	6
7.2 Cylinders.....	7
7.3 Tank cars.....	8
7.4 Highway vehicles.....	8
8 High pressure inert gas cylinders .....	9
8.1 Storage and handling .....	9
8.2 Use .....	10
8.3 Disposition of empty cylinders.....	11
9 Estimating container contents .....	11
9.1 Gas cylinders.....	11
9.2 Liquid cylinders.....	11
10 Liquefied inert gases .....	11
10.1 Storage and handling .....	11
10.2 Handling liquefied inert gases in transfer systems or in open containers.....	13
11 Storing, handling, and using liquefied inert gas cylinders .....	13
11.1 General rules.....	13
11.2 Filling.....	14
11.3 Moving cylinders.....	14
11.4 Storage and use of cylinders.....	14
11.5 Disposition of empty cylinders.....	15
12 Inert gas piping and manifold systems .....	15
13 Bulk inert gas systems .....	16
14 References .....	16
15 Additional reference .....	17
 <b>Tables</b>	
Table 1—Physical constants of argon.....	2
Table 2—Physical constants of nitrogen.....	3
Table 3—Physical constants of helium .....	5