

Contents	Page
1 Introduction.....	1
2 Scope	1
2.1 Cylinders and tubes for which procedures apply	1
2.2 Application of recommended guidelines.....	2
2.3 Gas property categorization	2
2.4 Contaminant detection	2
2.5 Contaminant removal	2
3 Guidelines to determine cylinders suitable for change of service	2
3.1 Cylinders authorized by federal regulations	2
3.2 Cylinders restricted to specific service	2
3.3 Gases that can affect cylinder condition.....	3
4 General guidelines for change of cylinder service and classification of gases.....	4
4.1 Qualifying cylinder, valve, and PRD for a gas service.....	4
4.2 Cylinder and valve preparation for gas service	4
4.3 Classification of gases.....	5
5 Recommended examinations according to category of service	6
5.1 General.....	6
5.2 Changes within and between specific categories.....	6
6 Operator requirements	7
6.1 General.....	7
6.2 Qualifying cylinders, valve, and PRD	8
6.3 Cylinder and valve preparation.....	8
7 Inspection and test procedures	8
7.1 General.....	8
7.2 External visual inspection	8
7.3 Odor test.....	8
7.4 Oil test	8
7.5 Internal visual inspection	8
8 Procedures for cleaning compressed gas cylinders.....	8
8.1 General.....	8
8.2 Cleaning restrictions	9
8.3 Identification of contaminants	9
8.4 Selection of cleaning agents	9
9 References	9
Appendix	
Appendix A—Table of category 6 gases (Informative).....	11