

Analytical Part

CONTENTS

SECTION 1

1. Terms and Definitions

SECTION 2

2. Characteristics of the Enterprise
 - 2.1 General characteristics.
 - 2.2 Situational plan of the territory of the region affected by the hazardous effects of ammonia.
 - 2.3 Enterprise plan.

SECTION 3

3. Hazard Analysis of the Enterprise
 - 3.1 Overview of the circumstances and causes of individual accidents that occurred at this and other enterprises.
 - 3.2 List of possible types of accidents at the enterprise.

SECTION 4 – REFRIGERATION PLANT

1. Block diagram of the refrigeration plant.
2. Characteristics of the refrigeration plant.
 - 2.1 Main hazards of the refrigeration plant and their characteristics.
 - 2.2 Characteristics of the refrigeration plant equipment.
 - 2.2.1 Block diagram of ammonia refrigeration units.
 - 2.2.2 Description of the technological process in ammonia refrigeration units.

2.2.3 Hazard card of ammonia refrigeration unit.

2.2.4 Characteristics of hazardous substances in ammonia refrigeration units.

2.2.5 List of possible emergency situations in ammonia refrigeration unit.

2.2.6 Forecasting scenarios of emergency situations (accidents) at AXA.

2.2.7 Scenarios of gradual occurrence and development of an accident at AXA.

2.2.8 Recognizable signs of an accident at AXA.

2.3 Means of prevention and localization of possible accidents at a refrigeration plant.

2.4 Analysis of the actions of production personnel and specialized units.

2.5 Assessment of the adequacy of existing measures.

2.6 Calculations and assessments of the hazard analysis of a refrigeration plant.

CHAPTER 4

Recommendations for the Implementation of the PLAS

1. Basic provisions of the PLAS for its implementation.
2. General measures for the implementation of the PLAS.
3. Obligations of the owner (manager) of the enterprise (facility).

CHAPTER 5

Appendices

РОЗДІЛ 2

ХОЛОДИЛЬНА СТАНЦІЯ

1 Блок-схема холодильної станції.

