ISO 26367-1:2019 (E)

Guidelines for assessing the adverse environmental impact of fire effluents — Part 1: General

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Fire effluents

- 4.1 Overview
- 4.2 Effluent generation
- 4.3 Fire stages
- 4.3.1 Background
- 4.3.2 Enclosed fire
- 4.3.3 Effect of intervention
- 4.4 Emissions to the air
- 4.4.1 Background
- 4.4.2 Fire zone
- 4.4.3 Fire plume zone
- 4.4.4 Plume deposition zone
- 4.5 Emission to the terrestrial environment
- 4.6 Emission to water environment
- 4.6.1 Background
- 4.6.2 Surface water
- 4.6.3 Groundwater
- 4.6.4 Fire-water run-off

5 Adverse environmental impacts of fire effluents

- 5.1 Short-term impacts
- 5.2 Long-term impacts

6 Intervention

- 6.1 Background
- 6.2 Sensitivity of receptors

7 Assessment of environmental impact

- 7.1 Establishing sampling requirements
- 7.2 Sampling options
- 7.2.1 Emissions to the air
- 7.2.2 Emissions to the water environment
- 7.2.3 Emissions to the terrestrial environment

Annex A (informative) Examples of significant fire incidents

Annex B (informative) Overview of relevant regulations and guidance documents

- B.1 Stockholm Convention on Persistent Organic Pollutants (POPs)
- B.2 UN Convention on Transboundary Effects of Industrial Accidents
- B.3 Seveso II Directive (96/082/EEC)
- B.4 Water Framework Directive (2000/60/EC)
- B.5 French regulations on registered establishments considered as representing the highest danger

Page count: 21