ISO 23467:2020 (E)

Ice plug isolation of piping in nuclear power plant

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 General requirements

- 4.1 Personnel
- 4.2 Equipment
- 4.3 Preconditions
- 4.4 Requirements of process
- 4.4.1 Material of pipe
- 4.4.2 Freezing medium
- 4.4.3 Position of ice plug
- 4.4.1 Ice plug jacket

5 Preparation before operation

- 5.1 Working environment
- 5.2 Construction plan
- 5.3 Tools of construction
- 5.4 Protective measures
- 5.5 Pipe testing before operation

6 Ice plug construction

- 6.1 Generation of ice plug
- 6.2 Judgment of ice plug generation
- 6.3 Removal of ice plug

7 Quality assurance (QA) on ice plugging

- 7.1 QA before ice plug performance
- 7.2 QA during ice plug performance
- 7.3 QA after ice plug performance

8 Records and reports

Annex A (informative) Reference table of ice plug jacket length

Annex B (informative) Ice plug jacket types

Annex C (informative) Flow chart to perfomance of ice plug isolation measure (construction plan)

Page count: 15