



**WATER SERVICES ASSOCIATION  
OF AUSTRALIA**

**Fire Service Metering  
Code of Practice**

**WSA 13—2013**

**First Edition**

**Version 1.1**

# CONTENTS

## **PREFACE**

### **1 SCOPE**

1.1 PURPOSE

1.2 OBJECTIVES

1.3 REGULATORY CONTEXT

1.4 APPLICATION OF THE CODE OF PRACTICE

1.5 INTRODUCTION AND FUTURE REVIEW OF THE CODE

1.6 RELATED POLICIES, CODES AND ACTS

### **2 PRINCIPLES OF FIRE SERVICE METERING**

### **3 METER TYPES**

### **4 METER ARRANGEMENTS**

4.1 GENERAL

4.2 INLINE

4.3 BYPASS

### **5 CHARACTERISTICS FOR METER SELECTION**

### **6 FIRE SERVICE SYSTEMS**

6.2 DESIGN PRINCIPLES

6.3 TYPES OF FIRE SERVICE SYSTEMS

6.3.1 General

6.3.2 Fire hose reels

6.3.3 Fire hydrants

6.3.4 Fire sprinklers

6.3.5 Onsite storage tanks

6.3.6 Fire system maintenance testing

### **7 FIRE SERVICE METER EXCHANGE**

7.1 GENERAL

7.2 ALARMED FIRE SYSTEMS

### **8 FIRE SERVICE METER RETROFITS**

8.1 GENERAL

8.2 ASSESSMENT OF FIRE SERVICE

8.3 SITE CONSIDERATIONS

### **9 WORK HEALTH AND SAFETY ISSUES**

### **10 REFERENCED DOCUMENTS**

### **11 DEFINITIONS**

### **12 ABBREVIATIONS**

### **APPENDIX A FIRE SERVICE METERING ARRANGEMENT STANDARD DRAWINGS**