

Response Paper

NITP 5.1 – National Instrument Test
Procedures for Fuel Dispensers other
than LPG Dispensers

19 March 2021

Introduction

This response paper provides outcomes and responses following the consultation conducted in October/November 2020 on the revision of NITP 5.1 – National Instrument Test Procedures for Fuel Dispensers other than LPG Dispensers. The consultation sought feedback on the revised draft which included several key amendments including:

- clarifying requirements for volume standards;
- permitting the use of volume standards constructed from other suitable materials;
- amendment to scope to include ethanol, avgas and diesel exhaust fluid;
- adding the ‘Low Level Cut-off’ test for systems fitted with a low level cut-off device; and
- removing prescriptive safety requirements

The consultation is available here:

<https://consult.industry.gov.au/national-measurement-institute/nitp5-1/>

The Outcomes

The Chief Metrologist has determined the revised NITP as NITP 5.1 – National Instrument Test Procedures for Fuel Dispensers other than LPG Dispensers – Second edition, first revision. The new edition of the NITP 5.1 is available from the Department of Industry website here:

<https://www.industry.gov.au/data-and-publications/test-procedures>

Rationale

NMI received 3 confidential submissions. NMI analysed all feedback received and notes the following key points with respect to the revised NITP:

- The revised NITP 5.1 moves to a more principles based approach, with unnecessary prescriptive requirements reduced or removed where possible, whilst still maintaining the integrity and intent of the test procedure.
- There is greater flexibility in the construction and design of volume standards permitted to be used for testing.
- The intent of the NITP is clarified with respect to the capacity of volume standards required specifically for dispensers with an approved flow rate greater than 60 L/min.
- Removal of references to “In-service Inspection” clarifies the intent of the NITP is to apply to Verification/Reverification only.

NMI considers the outcomes provide for a more flexible, less prescriptive test procedure whilst addressing several points of confusion currently existing within the industry.