

# Fortifire Company Capabilities

Fortifire (ABN 44 152 787 034) is a provider of Fire Protection, Plumbing and Electrical Equipment and Services including but not limited to:

- Fire Protection Equipment Maintenance, Repair, Installation and Alterations
- Fire Alarm Systems
- Sound Systems for Emergency Purposes (formerly EWIS)
- Smoke Alarms (domestic 240v mains connected or Battery Operated)
- Emergency and Exit Lighting
- Fire Doors and Shutters
- Passive Fire Protection – Fire Collars, Penetrations and Joint Sealing
- Passive Fire Protection – Fire and Smoke Walls
- Fire Extinguishers, Hose Reels and Hydrants
- Fire Protection and Building Fire Safety Audits
- Fire Training and Evacuation Diagrams and Plans
- Back Flow Prevention Valve Annual Certification
- Thermostatic Mixing Valves
- General Plumbing – Domestic and Commercial
- Emergency Shower and Eyewash Systems
- Electrical Work - Domestic and Commercial
- Electrical Testing and Tagging
- Security System Installation and Maintenance

As owner and Manager of Fortifire, Peter Eggins has over thirty-five (35) years of experience in the Building Fire Safety Industry. Peter oversees the company operations and has continued to undertake post trade training throughout his career to ensure continuous professional development.

As a licensed QBCC contractor, Fortifire satisfy the Queensland legislative requirements which nominate companies completing works on fire protection and Plumbing equipment must hold the appropriate licences for each discipline.

Our services are designed to help our customers satisfy their obligations to comply with the requirements of the Queensland Fire Safety Act, Queensland Building Fire Safety Regulations and Queensland Development Code MP6.1.

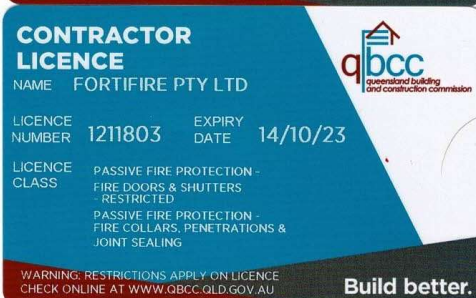


# Fortifire – Capability & Insurances Summary

It is a legislative requirement in Queensland that inspection, testing and remedial work to Fire Protection Equipment must only be carried out by companies that hold the relevant QBCC Licences. Electrical, Plumbing and Security System work must also be performed by appropriately licenced companies and individuals.

Please find below a summary of some of the relevant qualifications and liability coverage provided by Fortifire that may be applicable to works on your site.

|   |                              |
|---|------------------------------|
| Queensland Building and Construction Commission Licence   | 1211803                      |
| Electrical Contractors Licence  | 74034                        |
| Security Providers Licence  | 3574096                      |
| Public and Products Liability Insurance<br>Limit of Liability \$20, 000, 000<br>Consumer Protection Liability \$50, 000 | Renewed 9th Sep<br>each year |
| Professional Indemnity Insurance<br>Limit of Indemnity \$5, 000, 000  | Renewed 9th Sep<br>each year |
| FPA Code of Practice Compliant - Corporate Member   | ✓                            |
| Master Electricians Association Silver Member   | ✓                            |
| National Fire Industry Association Member   | ✓                            |
| Open Cablers Licence  | ✓                            |
| Extinguishing Agent Handling Licence (EAHL)   | ✓                            |
| VESDA (Very Early Smoke Detection Apparatus) Accredited   | ✓                            |
| Hazardous Substances Training   | ✓                            |
| Police Check for Employees  | ✓                            |
| Blue Card for Child Related Employment for Employees  | ✓                            |
| Course in General Safety Induction for Employees  | ✓                            |



## Fortifire – QBCC Licences

The following table is an extract from the QBCC Website:

<https://www.onlineservices.qbcc.qld.gov.au/OnlineLicenceSearch/VisualElements/SearchBSALicenseeContent.aspx>

| QBCC - Search for Licensee  |   |  |        |
|---|---|--|--------|
| Licence Number: 1211805   |   | <a href="#">Licence Search - Main Page</a> |        |
| <b>Particulars</b>  |   |  |        |
| Business Name:  | Fortifire Pty Ltd                         |  |        |
| Licence Address:  | Unit 1/18 Rains Street CURMAJONG QLD 4812 |  |        |
| Trading Name:   | Fortifire                                 |  |        |
| MR Category:  | Category 1 - \$800,001 to \$2,000,000     |  |        |
| ABN:  | 44 102 767 034                            |  |        |
| ACN:  | 152 282 034                               |  |        |
| Licence Class   | Licence Grade                             | Condition*                                 | Status |
| <a href="#">Carpentry</a>   | Trade Contractor Licence                  | NO   | Active |
| <a href="#">Fire Protection - Electrical Stream - Certify - Fire Alarm Systems</a>  | Trade Contractor Licence                  | NO   | Active |
| <a href="#">Fire Protection - Electrical Stream - Install and Maintain - Fire Alarm Systems</a>   | Trade Contractor Licence                  | NO   | Active |
| <a href="#">Fire Protection - Electrical Stream - Certify - Emergency Lighting</a>  | Trade Contractor Licence                  | NO   | Active |
| <a href="#">Fire Protection - Electrical Stream - Inspect and Test - Emergency Lighting</a>   | Trade Contractor Licence                  | NO   | Active |
| <a href="#">Passive Fire Protection - Fire Doors and Shutters</a>   | Trade Contractor Licence - Fire Certifier | YES  | Active |
| <a href="#">Passive Fire Protection - Fire Collary Penetrations and Joint Sealing</a>   | Trade Contractor Licence - Fire Certifier | NO   | Active |
| <a href="#">Passive Fire Protection - Fire and Smoke Walls and Ceilings</a>   | Trade Contractor Licence - Fire Certifier | NO   | Active |
| <a href="#">Fire Protection - Portables Stream - Certify</a>  | Trade Contractor Licence                  | NO   | Active |
| <a href="#">Fire Protection - Portables Stream - Install and Maintain</a>   | Trade Contractor Licence                  | NO   | Active |
| <a href="#">Fire Protection - Special Hazard Fire System Stream - Certify</a>   | Trade Contractor Licence                  | YES  | Active |
| <a href="#">Fire Protection - Water-Based Fire System Stream - Certify</a>  | Trade Contractor Licence                  | NO   | Active |
| <a href="#">Fire Protection - Water-Based Fire System Stream - Install and Maintain - Restricted to Commercial and Industrial Types</a> | Trade Contractor Licence                  | YES  | Active |
| <a href="#">Fire Protection - Water-Based Fire System Stream - Install and Maintain</a>   | Trade Contractor Licence                  | YES  | Active |
| <a href="#">Plumbing and Drainage</a>   | Trade Contractor Licence                  | YES  | Active |
| <a href="#">Plastering Drywall</a>  | Trade Contractor Licence                  | NO   | Active |

## Fortifire Environment, Health & Safety Policy

It is Fortifire’s policy to operate in a safe, responsible manner which respects the environment and the health of our employees, our customers and the communities where we operate. We will not compromise environmental, health or safety values for profit or production.

All Fortifire employees are expected to understand, promote and assist in the implementation of this Policy and the accompanying Principles.

### Principles

- We value human life above all else and manage risks accordingly.
- We relentlessly pursue and continually improve EHS systems and processes to achieve an EHS incident-free workplace.
- We do not compromise our EHS value for profit or production.
- We comply with all laws and set higher standards for ourselves and our suppliers where unacceptable risks are identified.
- We support pollution prevention and sustainable development by incorporating social responsibility, economic success and environment excellence into our decision-making process.
- We measure and assess our performance and are open and transparent in our communications.
- We supply and use safe and reliable products and services.
- We use our EHS knowledge to enhance the safety and well-being of our community.
- We are all accountable for conforming with and deploying our EHS value and principles.

Peter Eggins  
 Manager  
 January 2023



# Fortifire – Passive Fire Certification

Fortifire’s Fire Door and Passive Fire Penetration Certification services are second to none.

We pride ourselves on quality of work and a professional finish.

Our Passive Fire Penetration reporting and documentation system provides for detailed and accurate recording of each and every penetration featuring:

- A library of test reports and approved fire rated sealing solutions
- Photographic evidence of each penetration
- Interactive As-Installed Drawings
- The ability to provide real time “Traffic Light” (Red/Amber/Green) status of Non-Compliant, Work In Progress and Completed Penetrations during Project Works
- Barcode capability
- Penetration Locations highlighted on Floor Plan Snippets within the penetration register

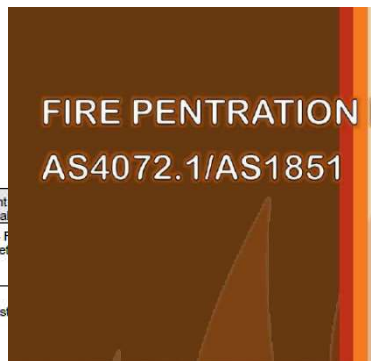
Our Passive Fire Certifier Mr Campbell Yates is a highly skilled Passive Fire Specialist with high standards for quality workmanship and adherence to building code compliance.

Campbell holds multiple qualifications, is a Trade Carpenter and has supervised projects in New Zealand, Dubai and Australia.

Don’t be fooled by Campbell’s calm and friendly personality as he will not certify an installation unless it is compliant.



QBCC Licence 1159332  
[campbell@fortifire.com.au](mailto:campbell@fortifire.com.au)  
 Mobile 0404 662 467



| Barcode   | Location  | Element FRL            | Element Material             | Notes  | Recommendation                | Status | Date       |
|-----------|---|------------------------|------------------------------|--|-------------------------------|--------|------------|
| C-0001    | AUDIT INSPECTION > GF - ID 41   | Floor ~   120   120    | All Areas - Floor / Concrete | No evidence of compatible firestop. Recommend the installation of a Retroft Fire Collar. | None                          | Fail   | 24-03-2020 |
| C-0002    | AUDIT INSPECTION > GF > GF East Wing QR Floor Peno East Wing GF - ID 42       | Floor ~   120   120    | All Areas - Floor / Concrete | No evidence of compatible firestop. Recommend the installation of a Retroft Fire Collar. | Recommend Retroft Fire Collar | Fail   | 24-03-2020 |
| C-0003    | AUDIT INSPECTION > GF > GF East Wing QR Floor Peno East Wing GF - ID 43       | Floor ~   120   120    | All Areas - Floor / Concrete | No evidence of compatible firestop. Recommend the installation of a Retroft Fire Collar. | Recommend Retroft Fire Collar | Fail   | 24-03-2020 |
| BLNK-0056 | AUDIT INSPECTION > GF > GF West Wing QR Blank Floor Peno - Label No. SQR 2815 | Concrete ~   120   120 | All Areas - Floor / Brick    |  | Promatect L500 Board          | Pass   | 01-04-2020 |

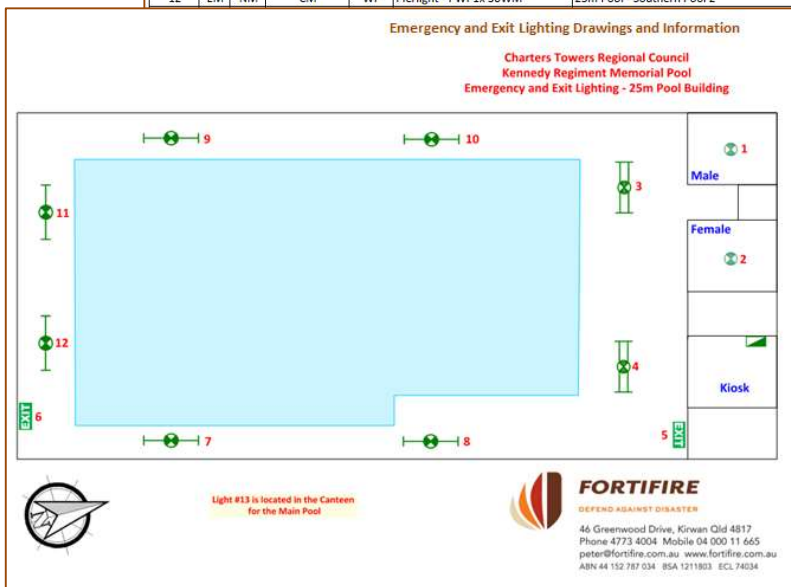
## Fortifire – Recording and Reporting

Fortifire’s strength is our discipline and ability to produce and maintain high quality records.

- Records are available in both hard copy and soft copy and via our **Online Customer Portal**
- We develop interactive equipment location plans that can be read in conjunction with register numbering systems to make it easier to identify equipment (*refer Sample below*)
- We use Rugged Touch Screen Tablet PC’s and Handheld Devices to record data in the field which instantly synchronise with the Fortifire Maintenance Management System (FMMS) and upload test results, non-compliance issues and comments back to the FMMS for immediate actioning
- The FMMS helps to keep track of Defect Reports, Estimates and remedial work activities, provides automated Routine Maintenance Notifications and Consolidated Annual System Condition Reports.
- These improved records facilitate more efficient testing and can contribute to identifying issues and achieving reductions in long-term running costs



| FORTIFIRE  |      | Emergency and Exit Lighting - Test Records |  |          |                        | Testing in accordance with AS2293.2         |                                     | Six Monthly                          | Annual                              |
|--|------|--|--|----------|------------------------|---|-------------------------------------|--------------------------------------|-------------------------------------|
| 46 Greenwood Drive, Kirwan Qld 4817<br>Phone 4773 4004 Mobile 04 000 11 665<br>peter@fortifire.com.au www.fortifire.com.au<br>ABN 44 152 787 034 BSA 1211803 ECL 74034 |      | Site:                                      | CTRC Kennedy Regiment Memorial Pool        |          |                        | 1. Visual inspection of controls            |                                     | <input type="checkbox"/>             | <input checked="" type="checkbox"/> |
|  |      | Address:                                   | Plumber Street<br>CHARTERS TOWERS QLD 4820 |          |                        | 2. Perform 90 Minute Discharge Test         |                                     | <input type="checkbox"/>             | <input checked="" type="checkbox"/> |
|  |      | Test Date:                                 | 17-Oct-12                                  | Tester:  | Peter Eggers           | 3. Check for correct operation of each unit |                                     | <input type="checkbox"/>             | <input checked="" type="checkbox"/> |
|  |      |  |  |          |                        | 4. Check battery charger indicator lamps    |                                     | <input type="checkbox"/>             | <input checked="" type="checkbox"/> |
|  |      |  |  |          |                        | 5. Clean accessible diffusers /surfaces     |                                     | <input type="checkbox"/>             | <input checked="" type="checkbox"/> |
|  |      |  |  |          |                        | 6. Restore to normal position               |                                     | <input type="checkbox"/>             | <input checked="" type="checkbox"/> |
| ID   | Type | NM/M                                       | Mounting                                   | Diffuser | Brand - Model          | Location                                    | RESULT                              | Details of Repair Required/Completed | Repair Date                         |
| 1  | EM   | NM   | CM   |          | LED Sentinel           | 25m Pool - Male Toilet                      | <input checked="" type="checkbox"/> |                                      |                                     |
| 2  | EM   | NM   | CM   |          | LED Sentinel           | 25m Pool - Female Toilet                    | <input checked="" type="checkbox"/> |                                      |                                     |
| 3  | EM   | M  | CM   | WP       | Pierlight - PWP2x 36WM | 25m Pool - Front of Amenities               | <input checked="" type="checkbox"/> |                                      |                                     |
| 4  | EM   | M  | CM   | WP       | Pierlight - PWP2x 36WM | 25m Pool - Front of Kiosk                   | <input checked="" type="checkbox"/> |                                      |                                     |
| 5  | EX   | NM   | WM   | S/S      | Quicksmart Exit        | 25m Pool - Entry/Exit near kiosk            | <input checked="" type="checkbox"/> |                                      |                                     |
| 6  | EX   | NM   | WM   | S/S      | Quicksmart Exit        | 25m Pool - Rear Entry/Exit                  | <input checked="" type="checkbox"/> |                                      |                                     |
| 7  | EM   | NM   | CM   | WP       | Pierlight - PWP1x 36WM | 25m Pool - Eastern Pool 1                   | <input checked="" type="checkbox"/> |                                      |                                     |
| 8  | EM   | NM   | CM   | WP       | Pierlight - PWP1x 36WM | 25m Pool - Eastern Pool 2                   | <input checked="" type="checkbox"/> |                                      |                                     |
| 9  | EM   | NM   | CM   | WP       | Pierlight - PWP1x 36WM | 25m Pool - Western Pool 1                   | <input checked="" type="checkbox"/> |                                      |                                     |
| 10   | EM   | NM   | CM   | WP       | Pierlight - PWP1x 36WM | 25m Pool - Western Pool 2                   | <input checked="" type="checkbox"/> |                                      |                                     |
| 11   | EM   | NM   | CM   | WP       | Pierlight - PWP1x 36WM | 25m Pool - Southern Pool 1                  | <input checked="" type="checkbox"/> |                                      |                                     |
| 12   | EM   | NM   | CM   | WP       | Pierlight - PWP1x 36WM | 25m Pool - Southern Pool 2                  | <input checked="" type="checkbox"/> |                                      |                                     |



Fortifire has invested in Touch Screen Tablet PC's. This equipment allows your Fire Records to be produced whilst we are completing our works on site. What this means to our customers is easy access to accurate and legible printed reports which can also be made available in electronic format.

# Hydrant Flow Test Reports

- Is your current service contractor providing the required Form 72 each year?
- Do they ensure the Flow Meters and Gauges they use are calibrated each year?
- Do they perform the flow test using multiple meters when required?
- Does the technician performing the test hold the required occupational license?



**Fortifire answers yes to all of these question**

Version: 1 - July 2014

### Form 72—fire hydrant and sprinkler system periodic testing and maintenance

This form is to be used for the purposes of maintenance to water supply installations, as required by the Queensland Development Code - Mandatory Part (MP) 5.1, which is a building assessment provision under the Building Act 1975, section 30. This form is also to be used in accordance with the fire hydrant and sprinkler system commissioning and periodic maintenance procedure, defined in MP 5.1 as the relevant procedure. Please note that this form does not comprise all maintenance requirements—this form is only for collecting results for maintenance by some sections of the Australian Standards referred to and in each case further testing is required.

**Part A—Test details**

Site name: Site  
 Site address: Address  
 Contractor: Fortifire  
 Test date: 19<sup>th</sup> January 2014  
 Maintenance test: Annual 5 year  
 fire hydrant    
 fire sprinkler    
 combined    
 Time: 7.50am

**Part B—Hydrant hydrostatic test** PASS  FAIL   
 Refer to the required pressure in the Notes section below or complete another form. The correction factor must be kPa or a percentage.  
 Boost pressure: kPa Test pressure: kPa  
 Duration of test: mins End of test pressure: kPa Loss (if any): L/min  
 Comments:

**Part C—Hydrant test equipment/pressure gauges**

If using more devices, provide details in the Notes section below or complete another form. The correction factor must be kPa or a percentage.

| Flow measuring device | Office <input checked="" type="checkbox"/> | Mechanical <input checked="" type="checkbox"/> | Electro magnetic <input type="checkbox"/> |
|-----------------------|--|--|---|
| Device/gauge 1        | Calibrated: 30/10/2013                     | Complete: 30/10/2013                           |   |
| Device/gauge 2        |  |  |   |
| Device/gauge 3        |  |  |   |
| Device/gauge 4        |  |  |   |

Serial number: 19024372, 1210320R  
 Date calibrated: 30/10/2013, 30/10/2013  
 Correction certificate: 902677FF, 902681FF  
 100/100/150 mm face: 100mm, 100mm  
 Digital reader: N/A, N/A  
 Increments (kPa): 200kPa, 1L/S

**Part D—Hydrant system flow test** PASS  FAIL   
 This part relates to tests under Section 4 of AS 1861. If pressure/flow rates do not meet the fire system design criteria and there are no on-site problems, contact the relevant water service provider to ascertain if there are any problems with the water system network. In the table below, please record the pressure readings obtained during the hydrant system flow test.

| Hydrant 1 location                     | Hydrant 2 location       | Hydrant 3 location |
|--|--------------------------|--------------------|
| #2 Near Maintenance Shed               |                          |                    |
| System requirements: 10 L/s at 200 kPa | Static pressure: 580 kPa |                    |

| Pressure zone number               | Device/gauge no. (Part C) | Hydrant 1 only | Hydrants 1 and 2 | Hydrants 1, 2 and 3 | Hydrants 1, 2, 3 and 4 |
|------------------------------------|---------------------------|----------------|------------------|---------------------|------------------------|
| 19 mm                              |                           | kPa            | kPa              | kPa                 | kPa                    |
| 22 mm                              |                           | kPa            | kPa              | kPa                 | kPa                    |
| 25 mm                              |                           | kPa            | kPa              | kPa                 | kPa                    |
| 5 L/s                              |                           | 540 kPa        | kPa              | kPa                 | kPa                    |
| 10 L/s                             |                           | 480 kPa        | kPa              | kPa                 | kPa                    |
| 15 L/s                             |                           | 430 kPa        | kPa              | kPa                 | kPa                    |
| 20 L/s                             |                           | kPa            | kPa              | kPa                 | kPa                    |
| 30 L/s                             |                           | kPa            | kPa              | kPa                 | kPa                    |
| System achieved: 10 L/s at 450 kPa |                           |                |                  |                     |                        |

### FIRE HYDRANT ANNUAL FLOW TEST RESULTS

TEST DATE: 19-January-2015 TEST TIME: 7.50am RESULT: PASS

SITE NAME: Site TESTED BY: Peter Egginis  
 ADDRESS: Address SUBURB: BURDELL

**BUILDING DETAILS**

Building Function: Private School  
 Classification as per BCA: 3 Floor Area m<sup>2</sup>: <1000m<sup>2</sup> Brigades Booster: NO  
 Number of Stories: 1 Yard Area m<sup>2</sup>: N/A Booster Pumps: NO

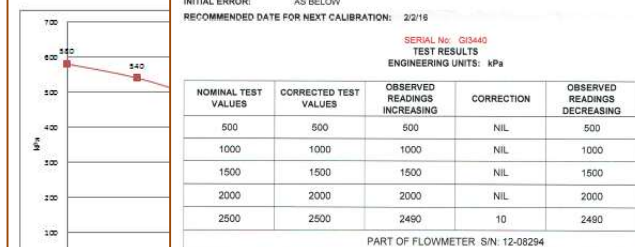
**GOULD INSTRUMENTS**

4 Castrola Court  
 GARDUPT QLD 4814  
 P.O. Box 128  
 AITKENVALE QLD 4814  
 Phone: (07) 4779 8760  
 Fax: (07) 4779 8760  
 Mobile: 0415 198 123  
 Email: admin@gouldinstruments.com

**TEST CERTIFICATE PRESSURE GAUGE (INDUSTRIAL)**

CLIENT: FORTIFIRE  
 MAKE: TEC SIS  
 MODEL: 100mm BOTTOM ENTRY LF  
 RANGE: 0/2500 kPa  
 MAJOR DIVISIONS: 500 kPa  
 MINOR DIVISIONS: 50 kPa  
 RESOLUTION: 10 kPa  
 INITIAL ERROR: AS BELOW  
 RECOMMENDED DATE FOR NEXT CALIBRATION: 22/16

TEST CERTIFICATE No: 90645/FF  
 DATE OF TEST: 22/15  
 AMBIENT TEMP.: 21.0 °C +/- 2 °C  
 TESTED BY: KYLE SWITZER  
 INVOICE No: G16312



| NOMINAL TEST VALUES | CORRECTED TEST VALUES | OBSERVED READINGS INCREASING | CORRECTION | OBSERVED READINGS DECREASING | CORRECTION |
|---------------------|-----------------------|------------------------------|------------|------------------------------|------------|
| 500                 | 500                   | 500                          | NIL        | 500                          | NIL        |
| 1000                | 1000                  | 1000                         | NIL        | 1000                         | NIL        |
| 1500                | 1500                  | 1500                         | NIL        | 1500                         | NIL        |
| 2000                | 2000                  | 2000                         | NIL        | 2000                         | NIL        |
| 2500                | 2500                  | 2450                         | 10         | 2450                         | 10         |

PART OF FLOWMETER. S/N: 12-08294

TOLERANCE: 1%  
 TESTED AGAINST A NATA CERTIFIED DEAD WEIGHT TESTER  
 G.E. SENSING OR BUDENBERG  
 SERIAL NUMBER: 65913  
 TEST MEDIUM: VELOCITE D OIL V.G. 10  
 ACCURACY OF REFERENCE: +/- 0.015%  
 GAUGE TESTED IN VERTICAL POSITION  
 GAUGE LIGHTLY TAPPED PRIOR TO READINGS BEING TAKEN  
 TESTED IN ACCORDANCE WITH AS 1349/1996, ISO 10012:2004  
 COMPLIES WITH AS 1349/1996 SECTION 4.1.2

SIGNATURE: [Signature] K.S.  
 DATE: 2/2/15

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL