

## Certificate of Authorisation of Variation

### Standard Details

Title: Rail Industry Standard for Engineering Certification of Railborne Plant

Ref: RIS-1710-PLT

Issue No.2.1

Date of Issue:

Clause No(s): 3.9.1.1

Module Details:

Line Reference:

Copy the text from the Standard where the variation is sought: Engineering Conformance Certificate issued as a result of an assessment against current applicable requirements of the whole item of OTP (weather that be as a new machine or periodic reassessment) shall be dated for a maximum life of seven years from the date of assessment

### Variation Details

Route/Project: National/Project

Delivery Unit(s) / Area(s): ALL ROUTES

Type of Variation Approved: Temporary Variation

Applicant: Mark Bruce

Tracker Reference Number: TR89777

Legacy Tracker Reference Number:

### Why can't you comply with the existing requirement?

Story Plant are looking to carry out the Engineering upgrade and further modifications within their own Refurbishment facility. We purchased 14 New Colmars in late 2015 which arrived over the next few months, due to the modification the challenging aspect of the Colmar build these machines cannot be upgraded in a short enough time frame to the desired standard without severely reducing our operational capability to support our client's workbank These machines would be classed as a same of type of an upgrades/modifications recently completed. Additional works to modify the existing units to remove modes of failure : Fit protective hood to park brake to prevent contamination from transmission leaks; Introduce a new control unit linking Colmar and Deutz ECUs whilst adding protection to electrical system; Fit a larger oil cooler to enable constant pumping operations work; Introducing laser measuring system for tele dipper as opposed to 'fishing reels type' which were a constant source of failure

### Where can't you comply with the existing standard?

National 14 machines:

99709 940824-4

99709 940825-1

99709 940826-9

99709 940827-7

99709 940864-0

99709 940865-7

99709 940871-5

99709 940872-3

99709 940860-8

99709 940861-6

99709 940862-4

99709 940863-2

99709 940869-9

99709 940870-7

### What are you proposing to do instead of the existing requirement?

We plan to ensure machines receive the same Maintenance that they have always received in line with our maintenance plan and any statutory inspections as required.

NOTE: The first Colmar of this purchase batch has been recertificated and no additional maintenance requirements have been identified so the maintenance will be current.

**What is your plan to achieve compliance, the requested alternative practice or why the requirement is not appropriate?**

We plan to upgrade these Machines ourselves at our Refurb workshop in Carlisle. We know these machines and the modifications are improvements over and above the standards. An open invitation is for any of the Network Rail Plant team to ensure we are carrying out this work to the highest of standards and notification would not be required. A comprehensive refurb schedule has also been submitted with this application

**What is the impact(s) on Safety and Performance of the proposed arrangements?**

Story Plant envisage no impact to safety or performance as our existing preventative maintenance plan will be continued through any extension period that may be awarded

**What risks have been identified and mitigations proposed for the variation?**

The vehicles will be maintained by competent staff in accordance with the certified preventative maintenance plan and operated in accordance with the operations manual and Operator will be competent in line with the current Sentinel OTP Framework. The RRV shall be inspected before the commencement of each shift in accordance with their operating instructions to ensure they are safe to operate and do not import any risks to any personnel or Network Rail's Managed Infrastructure. A clause by clause risk mitigation analysis has also been submitted for the Colmar OTP

**Certificate Conditions:**

All required maintenance, inspections and tests shall be carried out in accordance with the machine's certified Maintenance Plan for the duration of this Life Extension.

**Actioned By:** Timothy Sherratt

**Authorised By:** Jordan Skey

**Certificate Issued Date:** 24/05/2023

**Certificate Expiry Date:** 31/07/2024

**The 'Applicant' is responsible for communicating the associated Action Plan to all persons affected by this authorisation**