



Metal Finishing Systems

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## TRU TEMP® Low Temperature Black Oxide

### TEST PROCEDURE

1. Using a syringe or graduated cylinder, take a 10 ml sample of the TRU TEMP blackening bath and transfer it to the 50 ml flask. Add about 10 ml of water to make it easier to swirl. Rinse out the syringe with clean water.
2. Using a syringe, measure out 10 ml of the **TRU TEMP TEST SOLUTION**, and add it to the flask. Swirl to mix. Rinse out the syringe with clean water.
3. Add 2 to 10 drops of the **TRU TEMP INDICATOR** to the flask and swirl.
4. If the sample turns RED, then the TRU TEMP bath concentration is at normal operating level or higher. No additions are needed. However, if NO RED color appears, then an addition of fresh concentrate is needed to raise the concentration. Add 3 gallons of either TRU TEMP XL or TRU TEMP RPL per 100 gallons of bath volume.
5. After testing, rinse the flask with clean water. Record any additions in your logbook.

When starting up a new blackening line, test the TRU TEMP bath daily. Once a replenishment routine has been established, the testing can be performed weekly, or as required.

BIRCHWOOD CASEY offers FREE bath analysis service to customers. To use this service, please send us a 4 oz. sample of the bath. We'll analyze it and report the results.

Please contact your BIRCHWOOD CASEY representative if there are questions.

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