

<p align="center">Project Completion Report (First Phase) CLC Power Co. Ltd, Washpur, Dhaka, Bangladesh</p>

30th November 2020

Client:

CLC Power Co. Ltd, a 108MW Diesel Fuel Power plant located at Washpur, Keranigonj, Dhaka, Bangladesh.

Project : Zinganisation of 12 Fuel Oil, Lub Oil and Water Tanks and associated pipes.

Scheme : Under coat 60-80 micron Zinga. Top coat 50-60 micron PU coating.

Commenced : March 2018 / **Completed :** November 2020

Area : Approximate 51,000 sqft (4,750 sq mteter)

Surface preparation methodology : Clean existing coating by world renowned "Satblast" Vapour Blast equipment to SA2.5, apply Zinga by Roller brushes and PU coating by roller and flat brushes.

Warranty : 15 years from June 2018

Brief background :

The subject tanks and pipelines were previously coated with local epoxy coating reportedly 6-7 months ago prior to our first inspection in January 2018.

Moderate degree of rust was visible with naked eyes. Close up inspection revealed failures of existing coatings in many places resulting in moderate to heavy rusts under the coating.

Due to the remote location of the project there were multiple challenges such as working safely at heights, availability of good quality grits and other consumables.

In absence of a conventional metal scaffolding local indigenous scaffoldings using bamboos were made. Although it made the project work very slow but had no choice under the circumstances.

Other equipment used :

Diesel driven air compressor 320 CFM until a suitable electric air compressor 410 CFM was available.

2 x "Satblast" Vapour blasting equipment.

1 x 1000 Litres air bottle.

1 x Airless paint spray machine.

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1. Erected bamboo scaffolding and blasting tank HFO Tank No. 1



2. Erected bamboo scaffolding and blasting tank HFO Tank No. 2

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3. Blasted and applied Zinga on the associated pipes



4. First coat Zinga application (30 micron) in progress.

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5. Zinga application 70-80 micron completed.



6. Top PU coating 50-60 micron completed.

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7. Top PU coating 50-60 micron completed.



8. Top PU coating 50-60 micron completed.

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9. Top PU coating 50-60 micron completed.



10. Top PU coating 50-60 micron completed.

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11. Top PU coating 50-60 micron completed.



12. Top PU coating 50-60 micron completed.

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13. Top PU coating 50-60 micron completed.



14. Top PU coating 50-60 micron completed.

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15. Top PU coating 50-60 micron completed.



16. Top PU coating 50-60 micron completed.