

PEAK TIMES MOMENTS



2021, edition 3
PERU
READY FOR
COATING

WELCOME TO THE ANDES

At 4,100 m above
sea level

SEPCON PERU

Staff operating the
Bristle Blaster® Double

CONCLUSION

Prepare the Surface



MONTIPOWER
Surface Preparation Technologies
Part of Monti Group



PEAK TIMES MOMENTS

REPORT FROM PERU

Peak Times Moments offers insight into the world of MontiPower® projects, activities and new developments. Such moments can be extraordinary cases or test results, product innovations, special events and sales promotions.

The world of MontiPower® consists of a series of remarkable moments, or as we say in the world of surface preparation: “Never a dull moment... Always a Peak Times Moment!”



MontiPower®’s latest report is from the Andes in south-eastern Peru.





***“NEVER A
DULL MOMENT...
ALWAYS A PEAK
TIMES MOMENT!”***

WELCOME TO THE ANDES!

In this Peak Times Moments, we visit Peru once more. MontiPower® is involved in several projects in this beautiful country. Our first edition described a MontiPower® training session in Piura, Peru. This time we will travel to the southeast of Peru, the Andes to be exact, at 4,100 m above sea level. Our Monti systems are in use here at the 'Mina Constancia' mines, at a pit with an even nicer name, 'Pampacancha'.

Mina Constancia is a porphyry copper-moly system and consists of two deposits, known as Pampacancha and Constancia, with a processing plant about a kilometre to the west of the Constancia pit.

During its first years of operation, the Constancia plant had an average daily throughput of 80,000 tonnes (compared to a capacity of 76,000 t/d), and the copper concentrate production averaged 82,000 t/y.



SEPCON

PERU

SEPCON, the facility's registered contractor, is an international company active in Peru, Bolivia and Argentina, with a focus on EPC projects for the Gas and Oil, Mining and Energy industries. It has plenty of experience and an extensive portfolio of completed projects in the areas of strategic infrastructure engineering, construction, electromechanical assembly and maintenance. These mainly involve pipelines, civil works, plants and production facilities. SEPCON is known for its ability to tackle complex logistics projects,

making it a strategic ally for safe, efficient construction solutions in these sectors.

SEPCON's commitment to and leadership regarding safety, quality, the environment and good relations with all stakeholders are clearly apparent in all its activities. The company prioritises the execution of all projects in accordance with ISO 9001, ISO 14001 and OHSAS 18001 international standards throughout the process chain. MontiPower® holds the same views regarding quality and environment and is proud to be contributing to such a special project, in a very special area of our planet!



MSP

MatService Petróleo offers clients comprehensive solutions that meet their needs regarding inspections, on-site advice and training. For example, MSP trained SEPCON's staff on the correct use of the MontiPower® devices. This training was carried out by Cristhian Coarite Tumiri, Coating Inspector - NACE CIP Level 1 and MatService Petróleo's Technical Coordinator. MSP's commercial managers Cristian Oropeza Martinez and Jose Marcelo Paniagua Salinas reviewed and approved his work.

APPLICATION

SEPCON staff operating the Bristle Blaster® Double device



Successfully trained operator producing visually satisfactory results



Initial state of surface

Final outcome with visually satisfactory results



**DOUBLE
BELT FOR
3M²
PER HOUR
PRODUCTION**



CONCLUSION

Properly trained specialists ensure better results. MatService Petróleo trained SEPCON's project staff on the correct use and handling of the Bristle Blaster® Double so as to maximise the brushes' useful life. The device's promised double performance was verified.

EXPERIENCES IN THE ANDES

As in previous projects, we gained various insights on how to get the most out of the Bristle Blaster®.

Our recommendations:

- Check that throttle bolts and adapters haven't rotated or are in need of replacement.
- After the preparation and before applying a coating, use solvents to perform an SSPC SP 1 cleaning, ensuring a clean, properly prepared surface.
- To extend the Blaster brushes' useful life and achieve better joints, prepare the surface to a cleanliness level of SSPC-SP10.
- Obviously, cleaning the metal well after surface preparation is extremely important. Even a few hours of contamination/oxidation will have unfavourable effects on later coating treatments. ⋮

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LEVEL OF
SSPC-SP10.*

PREPARATION FROM SCRATCH

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