

## CAST ALUMINIUM INDUSTRIES

# NOTHING GOES TO WASTE

Kizad's excellent business ecosystem is helping Cast Aluminium Industries make a name for itself in aluminium waste recycling in the UAE and the region



TODAY,  
CAST  
ALUMINIUM  
INDUSTRIES PROCESSES  
AND RECYCLES UP TO  
**40,000 METRIC TONS**  
OF ALUMINIUM DROSS &  
SCRAP PER YEAR AT  
ITS KIZAD PLANT

Picture courtesy: Cast Aluminium Industries

**W**hen Cast Aluminium Industries (CAI) initially signed a contract in 1999 with Dubai Aluminium (Dubal) to recycle the dross generated at its plant to feed into CAI's foundry to make alloys, little did the management realise that they would be onto something big.

Waheed Ahmed, General Manager, CAI, says, "Cast Aluminium Industries approached Dubal to allow us to handle the recycling of their dross, which at the time was being sent to a competing firm overseas, illustrating how this would save costs and reduce their environmental footprint. In 1999 Cast Aluminium Industries, won the aluminium dross contract for 3,000 metric tons per year (mt/y). Today, we manage up to 40,000 mt/y.

The rapid growth in the cast aluminium industry locally and globally saw CAI flourish and having outgrown their facilities in Dubai, the management at CAI considered looking at Abu Dhabi, with Kizad being the obvious choice.

"The best choice was to move to Kizad," says Ahmed. "The area was developed to handle the high impact of heavy industry. Besides, Kizad will be a significant industrial hub, especially for aluminium as the entity

wishes to attract significant investment in the downstream industry.

"With CAI now being a valued partner in the mix, we will now be able to manage the dross in an efficient and sustainable way, and approach new clients in the area to accommodate existing and expected new business." With a much larger facility than the 8,000 square metre facility in Al Quoz in Dubai, CAI's Kizad operations cover an area of 33,000 square metres.

With valued clients such as EGA, Pan Gulf and Big Cable Converting, Ahmed says the current facilities provided by Kizad are allowing CAI to provide their clients with better turnaround and the time to recycle their raw materials.

## ZERO WASTE

Through its expertise in dross and scrap recycling and with the ability to recycle any kind of aluminium dross, CAI is the first aluminium recycling facility in the region to complete the recycling loop by achieving zero waste status.

## EXPANSION PLANS

Providing aluminium dross conversion services mainly to the aluminium industries, CAI is looking forward to launch new products in



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**WAHEED AHMED,**  
General Manager, CAI

the market that could add value to industries such as cement, refractory, steel and ceramics as well.

"CAI's vision is to become the one-stop-shop for smelters in the region and it is on track to becoming this in the short-to-medium term. To fulfil this vision, CAI chose to expand into Kizad to work with the primary smelters of the region and the downstream industries," says Ahmed.

Ahmed is very happy with the facilities and services that Kizad has provided this far to AGPC. A few tweaks, he feels will make Kizad's bouquet of services shine. "Kizad's integrated master plan based on the industrial and business ecosystem is a benchmark for industry service providers around the world," he says. "However, Kizad could add enormously at the planning and development phase of the projects by engaging with the investor at regular intervals and offering help to plug in gaps between the authority's requirements and investor expectation."

"Kizad's relationship managers are always on call, but going one step ahead and inviting the investors' development teams for project updates would enormously benefit project advancement." ■