

Vacuum pans for Malaysia – collaboration with a local manufacturer



*Vacuum pans arriving
at site*

In Malaysia, two sugar refineries, CSR in Kuala Lumpur and MSM in Penang, use vacuum pans delivered by BMA. Since the late 1990s, 11 vacuum pans have been produced for the CSR and MSM refineries in collaboration with a local manufacturer in Malaysia. All pans were designed and built on the basis of ASME Code VIII/Division 1.

The vacuum pans are broken down into different assemblies that can then be manufactured at different locations:

- Calandria with double-cone bottom
- Vapour chest with juice separator
- Stirrer, complete with gearbox and motor

The calandrias with double-cone bottoms are manufactured in BMA's workshop, and they are delivered with a 'U' stamp affixed to them. The same applies to the stirrers with gearbox and motor.

The manufacturer in Malaysia is provided with drawings, parts lists, and welding and inspection schedules for the vapour chests. When the calandrias and stirrers have arrived from BMA's Braunschweig workshop, the Malayan manufacturer will also be responsible for installation of the complete unit in the refinery.

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Benefits

- Reduced shipment costs
- BMA design
- Perfect coordination based on long-term collaboration



*Pans on their way from
the port to the factory*