

## **Largest offshore tower leaves AMBAU plant in Cuxhaven**

### **Hunterston final destination**

Bremen: On 24 September 2014 the largest offshore tower to date left the AMBAU plant in Cuxhaven for Scotland. Consisting of four segments, the tower has a total height of 106 metres and a diameter of 7.33 metres at the base flange, making it the largest of its kind.

AMBAU manufactured the tower on behalf of MITSUBISHI Heavy Industries Europe, Ltd. The tower is mounted with the new 7-megawatt SeaAngel unit of the Japanese turbine manufacturer, with an innovative hydraulic drive and a rotor diameter of 167 metres.

The specialists at AMBAU collaborated closely with the technicians in Japan to create the design of the interior fittings. All steel components were then produced at the AMBAU plants in Gräfenhainichen and Am Mellensee before being mounted in the tower in Cuxhaven.

The tower was loaded on 24/09/2014 on berth 8, adjacent to AMBAU Cuxhaven. Three of the sections were shipped lying down and one standing.

The tower is to be operated in Hunterston, on the northern Ayrshire coast of Scotland. In this onshore test field companies have the

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AMBAU GmbH operates five manufacturing sites and employs a workforce of over 750. The AMBAU corporate comprises AMBAU GmbH, the subsidiary AMBAU Windservice GmbH and the sister company AMBAU Personalservice GmbH.

The product portfolio of AMBAU GmbH ranges from towers for onshore wind energy units to large offshore towers for 5-megawatt-plus units.

In addition, the range also comprises offshore foundations such as monopiles, transition pieces, tripods, jackets, tube components and secondary steel.

The significance of renewable energies is set to continue to grow. AMBAU GmbH is ideally placed for this growth, with five efficiently-interlinked plants in Bremen, Gräfenhainichen, Am Mellensee, Dessau and Cuxhaven and a correspondingly high manufacturing capacity.

# Press Information

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opportunity to test their offshore turbines in conditions almost identical to those at sea, as the wind there blows nearly as strongly as at sea. Once again, a prototype in the production of which AMBAU could employ its entire know-how.

Visit us at [www.ambau.com](http://www.ambau.com) and find out more about our products and services. We look forward to seeing you.

AMBAU GmbH  
Growth with energy

Picture caption:

A tower segment is loaded onto the ship