

The Central Marine Engine Works Co., at West Hartlepool, is known for its marine engines, condensers and steel stampings.

Nearer Newcastle and on the Tyne, Palmers Shipbuilding & Iron Co., with five blast furnaces, mixer and bar mills, can turn out steel sections, with three furnaces in blast, at the rate of 3,500 tons a week. Clarke Chapman & Co., of Gateshead, makes boilers, winches, ships' instruments and electrical apparatus. The firms of Emerson Walker & Thompson Bros. are noted for steam windlasses; whilst at Blaydon, further up the Tyne, are firms making ships' deck machinery and railway castings. Smith Patterson & Co. was the pioneer in providing cast-iron segments for the London Tube Railways, employing for years a steamer of its own for transporting these to the metropolis. At Hebburn, further down the Tyne, is the firm of Reyrolle & Co., with a high reputation here and abroad for electrical switchgear.

On the north bank of the Tyne are situated the engineering works of C. A. Parsons & Co. (referred to in another chapter), of steam turbine fame, also making electrical alternators and other propelling machinery; Donkin & Co. with steering gear and capstans; Henry Watson & Co. with bronze propellers, pumps, evaporators, etc.; R. & W. Hawthorn Leslie & Co., builders, on a large scale at their Forth Banks Works, of railway locomotives. On the north side as well are the works of Cookson & Co., refiners of lead and antimony, and the establishment of the British Oxygen Co. (formerly known as Brin's Oxygen Co.), which makes and supplies oxygen used in large quantities by the important industries settled in the district.

The Sunderland Forge & Engineering Co. on the neighbouring river, the Wear, manufactures electric motors, winches and ships' forgings. The South Durham Steel & Iron Co., the Cargo Fleet Iron Co., W. Whitwell & Co.,