

*Factory Department, Home Office,
June 28, 1906.*

The Chief Inspector of Factories has appointed Dr. A. G. Wilson to be Certifying Surgeon under the Factory and Workshop Act, for the West Sheffield District of the county of York.

*Factory Department, Home Office,
July 2, 1906.*

The Chief Inspector of Factories gives notice that, in consequence of the resignation of Dr. G. E. Vivian, an appointment as Certifying Surgeon, under the Factory and Workshop Act, at Staindrop, in the county of Durham, is vacant.

*Factory Department, Home Office,
July 3, 1906.*

The Chief Inspector of Factories has appointed Dr. C. A. E. Ring to be Certifying Surgeon, under the Factory and Workshop Act, for the Hatherleigh District of the county of Devon.

*Factory Department, Home Office,
July 3, 1906.*

The Chief Inspector of Factories gives notice that, in consequence of the death of Dr. H. Allan, an appointment as Certifying Surgeon, under the Factory and Workshop Act, at Whaley Bridge, in the county of Chester, is vacant.

*Board of Trade, 7, Whitehall Gardens,
London, July 2nd, 1906.*

For the purposes of the Electric Lighting Acts, 1882 and 1888, and of the Electric Lighting (Scotland) Act, 1890, and of the Electric Lighting (Scotland) Act, 1902, and all Provisional Orders made and issued thereunder, and all special Acts relating to the supply of electrical energy, the Board of Trade approve of the systems of supply described hereunder, subject to the Board of Trade regulations for securing the safety of the public, and for ensuring a proper and sufficient supply of energy :—

1.

A continuous current direct supply at low pressure.

The mains will be insulated. They will be laid in troughing filled in solid with composition, or will be drawn into ducts or pipes, or will be armoured and laid in the ground.

2.

A continuous current direct supply at low pressure between the adjacent conductors of a three-wire system; and a continuous current direct supply at medium pressure between the

outer conductors for special purposes; and a supply for traction at medium pressure.

The mains will be insulated. They will be laid in troughing filled in solid with composition, or will be drawn into ducts or pipes, or will be armoured and laid in the ground.

3.

A high-pressure alternating single-phase supply to transformers placed in some cases on consumers premises or in street boxes, but mainly in sub-stations.

From the transformers, where placed in street boxes or sub-stations, distributing mains will be laid for a single-phase alternating current supply at low pressure.

The mains will be concentric. They will be laid in troughing filled in solid with composition, or will be drawn into ducts or pipes, or will be armoured and laid in the ground.

The external conductors of the high pressure mains will be connected with earth at the generating station. The external conductors of the low pressure mains will be connected with earth at the sub-stations or transformers.

4.

A high pressure continuous current supply to motor generators in sub-stations.

From the sub-stations distributing mains will be laid for a continuous current direct supply at low pressure between the adjacent conductors of a three-wire system, and a continuous current supply between the outer conductors at medium pressure for special purposes, and a supply for traction at medium pressure.

The high pressure mains will be concentric. The external conductor will be connected with earth at the generating station, and insulated at all other parts.

The distributing mains will be insulated. The mains will be laid in troughing filled in solid with composition, or will be drawn into ducts or pipes, or will be armoured and laid in the ground.

5.

A high pressure alternating current two-phase supply to transformers, placed in some cases on consumers premises or in street boxes, but mainly in sub-stations.

From the transformers, where placed in street boxes or sub-stations, distributing mains will be laid for a single-phase alternating current supply at low pressure between either phase and the neutral conductor, and for supply for special purposes at medium pressure between phases.

The high pressure mains and the distributing mains will consist of two insulated conductors enclosed in an external conductor, or will consist of a pair of concentric cables. The mains will be laid in troughing filled in solid with composition, or will be drawn into ducts or pipes, or will be armoured and laid in the ground. The neutral conductors will be connected with earth at one point only. In the case of the high pressure mains they will be connected with earth at the generating station, and in the case of the distributing mains they will be connected with earth at the transformers or sub-stations.

6.

A high pressure alternating current three-phase supply to motor generators, rotatory