

MASONRY.

53. All the masonry must be of a substantial and permanent character, made of durable and suitable materials, and in every respect equal to the best description of masonry in railway works.

54. The masonry shall not be started at any point before the foundation has been properly prepared; nor until it has been examined and approved by the Engineer, nor until the Contractor has provided a sufficient quantity of proper materials and plant to enable the work to be proceeded with regularly and systematically.

55. Hydraulic lime mortar will be used, unless otherwise directed, in building all masonry, when Portland cement is not required. The hydraulic lime or cement must be fresh ground, of the best brand, and it must be delivered on the ground and kept till used in good order. Before being used, satisfactory proof must be afforded to the Engineer of its hydraulic properties, as no inferior cement will be allowed.

57. Both cement and hydraulic lime must be thoroughly incorporated with approved proportions of clean, large grained, sharp sand. The general proportions may be one part of lime to two parts of sand, but this may be varied according to the quality of the lime or cement. Mortar will only be made as required, and it must be prepared and used under the immediate direction and to the satisfaction of an inspector, by the Contractor's men, failing which, the inspector may employ other men to prepare the mortar, and any expense incurred thereby shall be borne by the Contractor. Grout shall be formed by adding a sufficient quantity of water to well tempered and well proportioned mortar.