

Skills Development Frame for Training Iron Workers

The Skills Development Frame is a full-sized steel frame for use as a hands-on training tool for apprentice iron workers. Traditionally, most apprentice iron workers obtain their skills from on the job training, where the quality of the training varies from one job to another, where the exposure to different steel connections may be limited, and where there is little or no effective supervision. These training difficulties are overcome by the Skills Development Frame which is a single, full-sized training module (twenty feet wide, by forty feet long, by twenty feet high) on which apprentices can repeatedly practice erection and disassembly. The basic frame design allows for incorporation of new or additional steel components as necessary.

The design and size of the frame permits hands-on training of apprentices in the actual techniques involved in the erection of a building that incorporates all the structural steel connections and miscellaneous steel components currently being used in steel erection. Further, the training is accomplished in an environment that is closely controlled and monitored for both proper technique and safety.

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