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## Alignment throughout the Update Engineering of Hefei Light Source

The update engineering of Hefei Light Source is almost completed and the machine is being commissioned. This paper introduces the survey and alignment jobs that run throughout all the process of the engineering construction. They include establishing the control points of network for survey and alignment just after the building projects, surveying the first-level and second-level of control network and data processing, pre-aligning all components and data processing, and aligning the components for it being accurately positioned during the machine installation. A complete process of accelerator alignment from beginning to end is described in this paper

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