



ShureLine Construction replaced a roof top air handling unit in early 2020 at Chester, PA. Working with a general contractor (GC), ShureLine completed the project safely, on budget and on-time. The scope of work included:

- Removal of an old air conditioning unit, heating unit and exhaust fan system
- Fabrication and installation of additional support steel for the new air handling unit
- Installation of a smaller, self-contained air handling unit

## AIR HANDLING UNIT REPLACEMENT

CHESTER, PA

2020



ShureLine's safety plan and work process was carefully reviewed and approved by the GC safety team. Additionally, ShureLine's rigging plan was developed and approved by the GC and building owner. Plans were also submitted to the Philadelphia airport for approval and modifications to flight plans.

ShureLine set up roof top barriers and fall protection where needed. The new steel beams were fabricated at ShureLine's steel shop in Kenton, DE. The steel support was installed before the existing unit was removed. A 400 ton crane was set up the day before the lift. On the day of the lift, ShureLine set up all the rigging equipment and removed the existing equipment, which were transported on trailers for disposal. Next, ShureLine rigged the new air handling unit and set it in and secured it to the steel supports. Finally, ShureLine rigged the ductwork into place. The entire project was completed in one day with no overtime.

### For more information

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