

## Case Story

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### Problem:

SDC Coatings Inc, is an international manufacturer of chemical coatings. Part of their production process involves transfer of chemicals from 55 gallon drums into smaller containers. During the transfer process the operator has to work in close proximity to the drum and container and is exposed to chemical fumes as the liquids are dispensed. The confined liquid transfer station is located adjacent to an outside wall with only a small space available for containers and the operator.

### Solution:

Due to space limitations the extraction system proposed had to be flexible and maneuverable such that effective fume capture could be achieved while giving the operator clear vision and access to the process. A Nederman fume extraction arm was the ideal answer having the flexibility to be positioned anywhere in the work area and occupying the minimum amount of space. The arm is connected via a ducting system to a Nederman N24 fan. The N24 was purposely chosen as the company intends to add an additional extraction arm to the system in the near future.

### Result:

Kenneth Lane, the Operations Supervisor for the company said, “The Nederman extraction system has considerably improved the working environment and has helped us comply with all the current Health and Safety legislation”.

