

In-memory Table of Cylinder Keys

Cylinder 1

Cylinder Index
Records
Cylinder Overflow

Cylinder 2

Cylinder Index
Records
Cylinder Overflow

System
Overflow

```
graph TD; C1[Cylinder 1] --> SO[System Overflow]; C2[Cylinder 2] --> SO;
```

The diagram illustrates the flow of data from two cylinders to a system overflow. At the top, a box labeled 'In-memory Table of Cylinder Keys' is shown. Below it, two vertical boxes represent 'Cylinder 1' and 'Cylinder 2'. Each cylinder box is divided into three sections: 'Cylinder Index' at the top, 'Records' in the middle, and 'Cylinder Overflow' at the bottom. Arrows point from the 'Cylinder Overflow' section of both Cylinder 1 and Cylinder 2 to a central box at the bottom labeled 'System Overflow'.