

## SPIRAL MEMBRANE PROCESS QUESTIONNAIRE

Customer Name:

---

### Process Information:

What is the application?

---

Feed/process stream?

---

What separation is required?

---

What molecule is being separated?

---

Size of molecule:

---

What is in the permeate stream?

---

What is in the retentate stream?

---

Upstream/Downstream processes:

---

### Feed Stream Information:

Feed Temperature (specify °C or °F):

---

Feed flow (specify m<sup>3</sup>/h or gpm):

---

pH:

---

Feed solids:

---

Concentration factor:

---

### Element Construction:

3A Sanitary required?

---

Feed spacer thickness/geometry:

---

Permeate tube material:

---

Pressure requirements?

---

Cleaning requirements (heat-sanitizable, XT, etc.)?

---

Cleaning temperature (specify °C or °F):

---

Cleaning pH range:

---

Cleaning frequency:

---

Regulatory approvals required (NSF, USDA, etc.)?

---

### Other:

Manufacturer/name/price of previous elements used?

---

Previous piloting/testing performed?

---

New system? Are there existing & potential systems?

---

Is testing/piloting necessary?

---

### Other Information:

---

---

---

---