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COOLTECH FINLAND OY
INDUSTRIAL REFRIGERATION MACHINERY

Questionnaire for the selection of a chiller unit

Name: _____

Position: _____

Company: _____

Address: _____

E-mail: _____

Phone number: _____

1. Coolant
   - ☐ water
   - ☐ ethylene glycol, _____ %
   - ☐ propylene glycol, _____ %
   - ☐ $CaCl_2$, _____ %
   - ☐ other _____

2. Required temperature
   - coolant required temperature at the outlet of the chiller _____ °C
   - temperature of the coolant at the inlet of the chiller _____ °C

3. Required coolant flow through the chiller _____ m^3/h
   or required chiller cooling capacity _____ kW

4. Condenser:
   - ☐ Plate or shell and tube on the chiller frame
     - Temperature of the liquid cooling the condenser _____ °C
   - ☐ Air condenser outside
     - Region of installation _____
     - Should we offer it
       - ☐ Yes
       - ☐ No
   - ☐ Evaporative condenser outside
     - Region of installation _____
     - Should we offer it
       - ☐ Yes
       - ☐ No

5. Preferred type of refrigerant
   - ☐ R717 (ammonia)
   - ☐ R22
   - ☐ R507a
   - ☐ R404a
   - ☐ R134a
   - ☐ Other (specify) _____

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6. Oil cooling
   - ☐ Water, glycol
   - ☐ Refrigerant (thermosiphon)

7. Explosion-proof design
   - ☐ yes
   - ☐ no

8. Do you need a power board?
   - ☐ yes
   - ☐ no

9. Drive voltage (if clause 6 is "yes"), kV
   - ☐ 0,4
   - ☐ 6
   - ☐ 10

10. Electric motor starting method (0.4 kV)
    - ☐ Direct start
    - ☐ Frequency regulation
    - ☐ Soft starter
    - ☐ Star-delta

11. Other requirements _____