KIEKENS DESUPERHEATERS

RFQ-form for: System WITH pressure reduction

DESUPERHEATER

T : +31 (0)75 2047340
E : info@kiekens-dsh.com
W : www.kiekens-dsh.com

Item No		Client	
Design code		End User	
Material		Project Name	

FIll in process conditions:

Units of measurement	
Pressure	
Temperature	
Flow	

Steam quantity in	
Gmax inlet=	
Gmin inlet=	

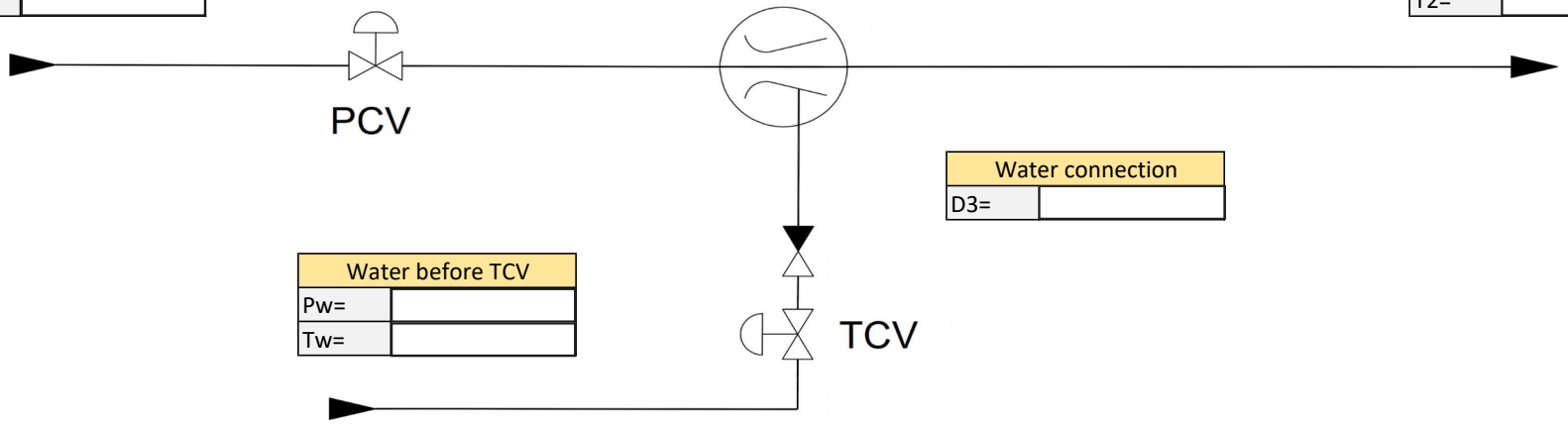
Steam quantity out	
Gmax outlet=	
Gmin outlet=	

Superheated steam	
P0=	
T0=	

Steam inlet connection	
D1=	

Steam outlet connection	
D2=	

Desuperheated steam	
P2=	
T2=	



Water connection	
D3=	

Water before TCV	
Pw=	
Tw=	

Remarks:

P0/T0	= Pressure and temperature upstream of the steam control valve (PCV)
P2/T2	= Pressure and temperature downstream of the desuperheater
Pw/Tw	= Pressure and temperature upstream of the water control valve (TCV)
G	= Steam quantity
D1/D2/D3	= Line size and rating of resp. steam inlet connection / steam outlet connection / water connection

Design conditions:

Design pressure steam	
Design temperature steam	
Design pressure water	
Design temperature water	

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FIll in process conditions:

Units of measurement	
Pressure	
Temperature	
Flow	

Maximum pressure drop	
ΔPmax	

Steam quantity in	
Gmax inlet=	
Gmin inlet=	

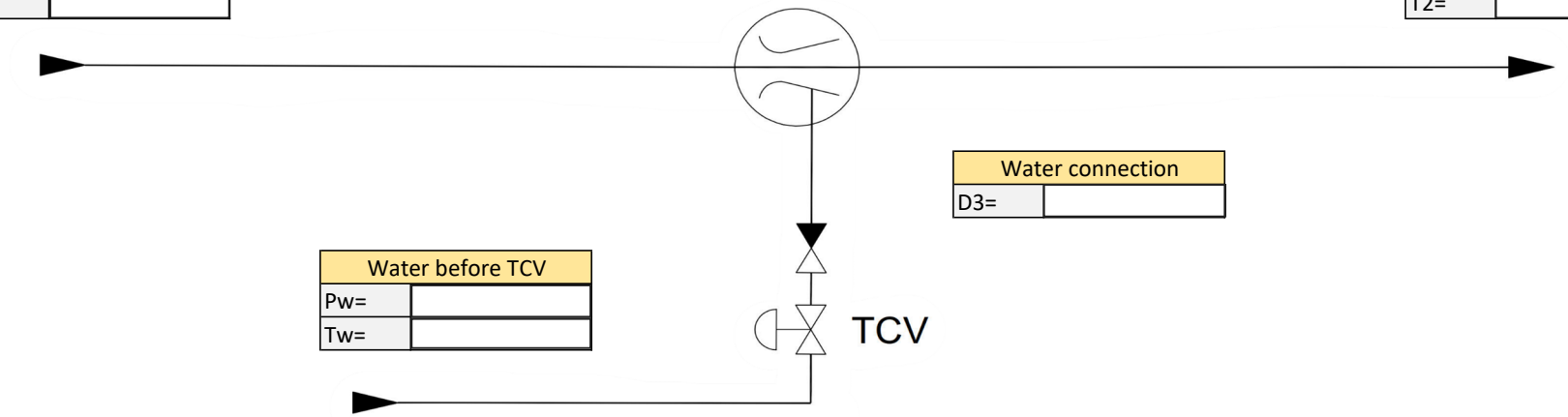
Steam quantity out	
Gmax outlet=	
Gmin outlet=	

Superheated steam	
P1=	
T1=	

Steam inlet connection	
D1=	

Steam outlet connection	
D2=	

Desuperheated steam	
P2=	
T2=	



Water connection	
D3=	

Water before TCV	
Pw=	
Tw=	

Remarks:

P1/T1	= Pressure and temperature upstream of the desuperheater.
P2/T2	= Pressure and temperature downstream of the desuperheater
Pw/Tw	= Pressure and temperature upstream of the water control valve (TCV)
G	= Steam quantity
D1/D2/D3	= Line size and rating of resp. steam inlet connection / steam outlet connection / water connection
ΔPmax	= Maximum available pressure drop over the desuperheater (if available)

Design conditions:

Design pressure steam	
Design temperature steam	
Design pressure water	
Design temperature water	