1   Specifications Mixed Fuel Firing

Offer no.:

Technical Consultant: Telephone no.:

Plant:

Type no.:   Offer no.:

Configure like serial no. [1]:

Configure like /DB no. [1]:

Optionens for mixed fuel firing (general)

☐   monitoring of safety interlock chain oil before starting (availabel for FMS only)
        (standard: 1,5 s before starting)

☐   fuel release (standard: channels are inside the band)

        fuel A[2]:   [ ] during curve set changing   [ ] before curve set changing (filling line fuel A)

        fuel: [ ] during curve set changing

        gas: [ ] during curve set changing

[1] with this information you must not complete the form. The required information will be found in the above mentioned serial number or DB number.
[2] fuel A is only available for staged fuel firing with 8 curve sets and for variable mixed fuel firing with 2 out of 3 fuels

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Options for FMS with staged mixed firing:

☐   FMS staged mixed fuel firing, fixed allocation of the mix ratio in the curve sets; any fuel allocation, max. two fuels per curve set.

- between equal fuels (solo→ solo/mix → mix)
- switching on one fuel (solo → mix)
- switching off one fuel (mix → solo)

curve set allocatioin via:

[ ] digital input   [ ] fieldbus (see "Specifications FMS"))

fuel allocation:

- max two fuels curve set
- min. one solo curve for ignition
- only a konfiguration as solo curves is possible for curve set 1 and 2.

[ ] 4 curve sets

curve set	1 [3]	2 [3]	3	4
oil				
gas				

[ ] 8 curve sets

curve set	1 [3]	2 [3]	3	4	5 [1]	6	7	8
fuel A [2]								
oil								
gas								

[1] curve set 5 to 8 are available with the option "8 curve sets" only
[2] fuel A only possible with 8 curve sets; it is forbidden to ignite with fuel A
[3] only a konfiguration as solo curves is possible for curve set 1 and 2.

Options for FMS with variable mixed fuel firing with 2 fuels:

☐   FMS variable mixed fuel firing with 2 fuels (oil/gas) and 4 curve sets.

fuel allocation via:

[ ] digital inputs   [ ] fieldbus (see "Specifications FMS")

fixed fuel allocations:

☐   mixing signal: [ ] 0...20mA   [ ] 4...20mA   [ ] LSB-module (only available if correction runs via terminal 2)

curve set	1	2	3	4
oil	X		X	X
gas		X	X	X

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Options for FMS with variable mixed fuel firing with 2 out of 3 fuels and 8 curve sets:

☐   FMS variable mixed fuel firing with 2 out of 3 fuels and 8 curve sets

curve selection via:

[ ] digital inputs   [ ] fieldbus (see "Specifications FMS")

☐   mixing signal: [ ] 0...20mA   [ ] 4...20mA   [ ] LSB-module (only available, if correction 2 runs via terminals)

fuel allocation:

[ ] fixed fuel allocation config. 1 (default)

curve set	1	2	3	4	5	6	7	8
fuel A [3]	X			X	X	X	X	
gas		X		X	X			
oil			X			X	X	

[ ] fixed fuel allocation config. 2

curve set	1	2	3	4	5	6	7	8
fuel A [3]								
gas	X			X	X	X	X	
oil		X	X	X	X	X	X	

[ ] fixed fuel allocation config. 3

curve set	1	2	3	4	5	6	7	8
fuel A [3]								
gas		X	X	X	X	X	X	
oil	X			X	X	X	X	

[ ] fixed fuel allocation config. 4

curve set	1	2	3	4	5	6	7	8
fuel A [3]	X			X	X	X	X	
gas								
oil		X	X	X	X	X	X	

[3] it is forbidden to ignite with fuel A

1   Specifications Mixed Fuel Firing

[ ] fixed fuel allocation config. 5

curve set	1	2	3	4	5	6	7	8
fuel A [3)	X			X	X	X	X	
gas		X	X	X	X	X	X	
oil								

[ ] fixed fuel allocation config. 6

curve set	1	2	3	4	5	6	7	8
fuel A [3)		X	X	X	X	X	X	
gas	X			X	X	X	X	
oil								

[ ] fixed fuel allocation config. 7

curve set	1	2	3	4	5	6	7	8
fuel A [3)		X	X	X	X	X	X	
gas								
oil	X			X	X	X	X	

[3) it is forbidden to ignite with fuel A

1   Specifications Mixed Fuel Firing

Options for VMS with variable mixed fuel firing with 2 out of 3 fuels and 8 curve sets:

☐   VMS with variable mixed fuel firing with 2 out 0f 3 fuels and 8 curve sets

☐   mixing signal: [ ] 0...20mA   [ ] 4...20mA   [ ] LSB-module (only available, if correction 2 runs via terminals)

fuel allocation:

[ ] fixed fuel allocation config. 1 (default)

curve set	1	2	3	4	5	6	7	8
fuel A	X			X	X	X	X	
fuel B (gas)		X		X	X			
fuel C (oil)			X			X	X	

[ ] fixed fuel allocation config. 2

curve set	1	2	3	4	5	6	7	8
fuel A								
rfuel B (gas)	X			X	X	X	X	
fuel C (oil)		X	X	X	X	X	X	

[ ] fixed fuel allocation config. 3

curve set	1	2	3	4	5	6	7	8
fuel A								
fuel B (gas)		X	X	X	X	X	X	
fuel C (oil)	X			X	X	X	X	

[ ] fixed fuel allocation config. 4

curve set	1	2	3	4	5	6	7	8
fuel A	X			X	X	X	X	
fuel B (gas)								
fuel C (oil)		X	X	X	X	X	X	

[ ] fixed fuel allocation config. 5

curve set	1	2	3	4	5	6	7	8
fuel A	X			X	X	X	X	
fuel B (gas)		X	X	X	X	X	X	
fuel C (oil)								

1 Specifications Mixed Fuel Firing

[ ] fixed fuel allocation config. 6

curve set	1	2	3	4	5	6	7	8
fuel A		X	X	X	X	X	X	
fuel B (gas)	X			X	X	X	X	
fuel C (oil)								

[ ] fixed fuel allocation config. 7

curve set	1	2	3	4	5	6	7	8
fuel A		X	X	X	X	X	X	
fuel B (gas)								
fuel C (oil)	X			X	X	X	X	

Other:

☐ _____

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