

Quote Order

Ship To

Branch/Plant 2002
Order Date 30/03/2019
Request Date 16/02/2020
Freight Handling .

Delivery Instructions

General Description 1 030054 Type & Description : Globe valve, loose disc, OS&Y, rising hand wheel, bolted bonnet and gland, with a back seat bushing permitting repacking with the valve fully open.
Code of construction : ASME B16.34
Body material : Carbon steel to "ASTM" A-216 GR.WCB
Trim material : "ASTM" A-182 GR.F6 (13%Cr)
Stud& nut material : "ASTM" A193B7, A 194-2H
Threaded to ANSI B1.1
Ends : Flanged raised face 125 RMS Drilled to ANSI B-16.5
Face to face dimensions : in accordance with ANSI B16.10
Rating : 150 #

Requirements:

A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.

B- The minimum wall thickness shall be not less than values defined in API 600-latest edition and ASME B16.34.

C- The end flanges shall be cast with the body. Flanges attached by welding are not acceptable.

D- Cross-sectional drawing for each valve type and size including material list shall be enclosed with supplier quotation.

E- Confirmation of compliance with Hydrogen Sulfide service according to ANCE MR01-75.

Certification required:

Mill test certificate and to(EN 10204 3.1)shall be provided for each valve and shall include the

Quote Order

Order Number 19000171 000 OQ

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Supplier Offer Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Original Type	Original LineNo
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following tests:-
 1- Hydrostatic test and leakage test in accordance with API 598 -latest edition
 2- Mechanical properties and chemical analysis for body and bonnet material.
 3- Conformity of valve components with NACE MR01-75.

General Description 2

1	030C032106	&6" GLOBE VALVE,A216-WCB,150#	FLANGED R.F		1.000 EA				19000080 OR		1
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General Description 1 030013 TYPE & DESCRIPTION : GATE VALVE, SOLID

WEDGE, OS&Y, RISING STEM, BOLTED BONNET AND GLAND, WITH A BACK SEAT BUSHING PERMITTING REPACKING WITH THE VALVE FULLY OPEN, ACCORDING TO B.S. 2995 .

BODY MATERIAL : ALLOY STEEL TO "ASTM" A-182-F5

TRIM MATERIAL : FORGED ALLOY TO "ASTM" A-182-F6 (13%CR.)

STUDS MATERIAL : "ASTM" A-193-B7

ENDS : SOCKET WELD

RATING : 800 #

General Description 2

2	031A026779	1" GATE VALVE, A182-F5,	800#, S.WELD		4.000 EA				19000080 OR		2
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General Description 1 030054 Type & Description : Globe valve, loose disc, OS&Y, rising

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Order Number 19000171 000 OQ

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Supplier Offer Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Original Type	Orig LineNo
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hand wheel, bolted bonnet and gland, with a back seat bushing permitting repacking with the valve fully open.

Code of construction : ASME B16.34

Body material : Carbon steel to "ASTM" A-216 GR.WCB

Trim material : "ASTM" A-182 GR.F6 (13%Cr)

Stud& nut material : "ASTM" A193B7, A 194-2H

Threaded to ANSI B1.1

Ends : Flanged raised face 125 RMS Drilled to ANSI B-16.5

Face to face dimensions : in accordance with ANSI B16.10

Rating : 150 #

Requirements:

A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.

B- The minimum wall thickness shall be not less than values defined in API 600-latest edition and ASME B16.34.

C- The end flanges shall be cast with the body. Flanges attached by welding are not acceptable.

D- Cross-sectional drawing for each valve type and size including material list shall be enclosed with supplier quotation.

E- Confirmation of compliance with Hydrogen Sulfide service according to ANCE MR01-75.

Certification required:

Mill test certificate and to(EN 10204 3.1)shall be provided for each valve and shall include the following tests:-

1- Hydrostatic test and leakage test in accordance with API 598 -latest edition

2- Mechanical properties and chemical analysis for body and bonnet material.

3- Conformity of valve components with NACE MR01-75.

Quote Order

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Type	Orig LineNo
3	030C032104	4" GLOBE VALVE,A216-WCB,150#	FLANGED R.F		7.000	EA			19000080	OR	3

General Description 1

030056 Type & Description : Globe valve, loose disc, OS&Y, rising hand wheel, bolted bonnet and gland, with a back seat bushing permitting repacking with the valve fully open .

Code of construction : ASME B16.34

Body material : Carbon steel to "ASTM" A-216-WCB

Trim material : "ASTM" A-182-F6 (13%Cr.) .

Stud& nut material : "ASTM" A193B7, A 194-2H
Threaded to ANSI B1.1

Ends : Flanged raised face 125 RMS, drilled to ANSI B-16.5

Face to face dimensions : in accordance with ANSI B16.10

Rating : 300 #

Requirements:

A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.

B- The minimum wall thickness shall be not less than values defined in API 600-latest edition and ASME B16.34.

C- The end flanges shall be cast with the body. Flanges attached by welding are not acceptable.

D- Cross-sectional drawing for each valve type and size including material list shall be enclosed with supplier quotation.

E- Confirmation of compliance with Hydrogen Sulfide service.

Certification required:

Mill test certificate and test report shall be provided for each valve and shall include the following tests:-

1- Hydrostatic test and leakage test in accordance with API 598 -latest edition

2- Mechanical properties and chemical analysis for body and bonnet material.

Quote Order

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Type	Orig LineNo
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General Description 2

4	030C034103	&3" GLOBE VALVE,A216-WCB,300#	FLANGED R.F		2.000	EA			19000080	OR	4
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General Description 1

030060 Type & Description : Globe valve, loose disc, OS&Y, rising hand wheel, bolted bonnet and gland, with a back seat bushing permitting repacking with the valve fully open .

Code of construction : ASME B16.34

Body material : Carbon steel to "ASTM" A-105-11

Trim material : "ASTM" A-182-F6 (13%cr.) .

Stud& nut material : "ASTM" A193B7, A 194-2H
Threaded to ANSI B1.1

Ends : socket welded, drilled to ANSI B16.11
Face to face dimensions : in accordance with ANSI B16.10

Rating : 800 #

Requirements:

A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.

B- The minimum wall thickness shall be not less than values defined in API 600-latest edition and ASME B16.34.

C- Cross-sectional drawing for each valve type and size including material list shall be enclosed with supplier quotation.

D- Confirmation of compliance with Hydrogen Sulfide service.

Certification required:

Mill test certificate and test report shall be provided for each valve and shall include the following tests:-

1- Hydrostatic test and leakage test in accordance with API 598 -latest edition

2- Mechanical properties and chemical analysis for body and bonnet material.

General Description 2

5	030C036777	1.1/2" GLOBE VALVE, A105,	800#,S.WELD		5.000	EA			19000080	OR	5
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Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Original Type	Original LineNo
6	030C036782	1/2" GLOBE VALVE, A105,	800#,S.WELD		10.000	EA			19000080	OR	6

General Description 1 032048 Type & Description : Ball Check Valve, bolted bonnet.
Code of construction : ASME B16.34
Body material : Forged Carbon steel to "ASTM" A-105-11.
Trim material : ASTM A-182 GR.F6 (13%Cr)
Ball material : ASTM A-182 GR.F316 (17%Cr)
Stud material : ASTM A193 B7, threaded to ANSI B1.1
Ends : Screwed female NPT to ANSI B1.20.1.
Rating : 600 #
Requirements:

A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.
B- Cross-sectional drawing for each valve type and size including material list shall be enclosed with supplier quotation.
C- Confirmation of compliance with Hydrogen Sulfide service.

Certification required:

Mill test certificate and test report shall be provided for each valve and shall include the following tests:-
1- Hydrostatic test and leakage test in accordance with API 598 -latest edition
2- Mechanical properties and chemical analysis for body and bonnet material.

General Description 2

7	031C015082	1/2" CHECK VALVE A105GR-2,	600#,SCRD.FEM		1.000	EA			19000080	OR	7
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General Description 1 030059 Type & Description : Globe valve, loose disc OS&Y, rising hand wheel, bolted bonnet, bolted gland with a back seat bushing permitting repacking with the valve fully open.
Code of construction : ASME B16.34
Body material : Forged carbon steel to "ASTM" A-105 Grade 2
trim material : "ASTM" A-182 GR.F6
Stud& nut material : "ASTM" A193B7, A 194-2H
Threaded to ANSI B1.1
Ends : Socket weld ends to ANSI B 16.11.
Rating : 800 #

Quote Order

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Type	Orig LineNo
9	032A014106	&6" SWING CHECK VALVE,A217-C5,300# FL.R.F			1.000	EA			19000080	OR	9

General Description 1

030006 Type & Description : Valve, wedge gate, OS&Y, rising stem, bolted bonnet, bolted gland with a back seat bushing permitting repacking with the valve fully open.
 Code of construction : ASME B16.34
 Body material : Cast alloy steel To "ASTM" A 217 C5
 Trim material : A 182 F 316
 Stud & nut material : "ASTM" A193B7, A 194-2H
 Threaded to ANSI B1.1
 Ends : Flanged raised face 125 RMS, drilled to ANSI B16.5
 Face to face dimensions: in accordance with ANSI B16.10
 Rating : 300 #
 Requirements:

 A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.

B- The minimum wall thickness shall be not less than values defined in API 600-latest edition and ASME B16.34.

C- The end flanges shall be cast with the body. Flanges attached by welding are not acceptable.

D- Cross-sectional drawing for offered valve, type and size including material list shall be enclosed with supplier quotation.

E- Confirmation of compliance with Hydrogen Sulfide service.

Certification required:

Mill test certificate and test report shall be provided for each valve and shall include the following tests:-

1- Hydrostatic test and leakage test in accordance with API 598 -latest edition

2- Mechanical properties and chemical analysis for body and bonnet material.

Quote Order

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Type	Orig LineNo
General Description 2											
10	032A024103	&3" GATE VALVE,	A217-C5,300#,FLANGED R.F.		3.000	EA			19000080	OR	10
11	032A024104	4" GATE VALVE,	A217-C5,300#,FLANGED R.F.		2.000	EA			19000080	OR	11

General Description 1 030030 Type & Description : Swing Check valve, bolted bonnet
Code of construction : ASME B16.34
Body material : Carbon steel to "ASTM" A-216-WCB
Trim material : "ASTM" A-182-F6 (13%Cr.)
Stud material : "ASTM" A193 B7, threaded to ANSI B1.1
Ends : Flanged raised face 125 RMS, drilled to ANSI B-16.5
Rating : 150 #

Requirements:

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- A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.
 - B- The end flanges shall be cast with the body. Flanges attached by welding are not acceptable.
 - C- Cross-sectional drawing for each valve type and size including material list shall be enclosed with supplier quotation.
 - D- Confirmation of compliance with Hydrogen Sulfide service according to NACE MR01-75.

Certification required:

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- Mill test certificate and to (EN 10204 3.1) shall be provided for each valve and shall include the following tests:-
- 1- Hydrostatic test and leakage test in accordance with API 598 -latest edition
 - 2- Mechanical properties and chemical analysis for body and bonnet material.
 - 3- Conformity of valve components with NACE MR01-75..
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General Description 2

Quote Order

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Type	Orig LineNo
12	032C012104	4" SWING CHECK VALVE, 150#	FLANGED R.F.		6.000	EA			19000080	OR	12
13	032C012108	8" SWING CHECK VALVE, 150#	FLANGED R.F.		3.000	EA			19000080	OR	13

General Description 1 030031 TYPE & DESCRIPTION : SWING CHECK,BOLTED BONNET
 CODE OF CONSTRUCTION :ASME B16.34
 BODY MATERIAL : CARBON STEEL TO "ASTM" A216-WCB
 TRIM MATERIAL : "ASTM"A182 -F6 (13% Cr)
 STUD MATERIAL : "ASTM"A193 B7,THREADED TO ANSI B1.1
 ENDS : FLANGED RAISED FACE 125 RMS,DRILLED TO ANSI B16.5 .
 RATING : 300 #

Requirements:

- A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.
- B- The end flanges shall be cast with the body. Flanges attached by welding are not acceptable.
- C- Cross-sectional drawing for each valve type and size including material list shall be enclosed with supplier quotation.
- D- Confirmation of compliance with Hydrogen Sulfide service according to NACE MR01-75.

Certification required:

- Mill test certificate and to (EN 10204 3.1)shall be provided for each valve and shall include the following tests:-
- 1- Hydrostatic test and leakage test in accordance with API 598 -latest edition
 - 2- Mechanical properties and chemical analysis for body and bonnet material.
 - 3- Conformity of valve components with NACE MR01-75..

General Description 2

14	032C014103	3" SWING CHECK VALVE, 300#	FLANGED R.F.		3.000	EA			19000080	OR	14
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Quote Order

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Supplier Offer Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Original Type	Original LineNo
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General Description 1 032041 TYPE & DESCRIPTION : SWING CHECK VALVE, BOLTED BONNET.
 CODE OF CONSTRUCTION : "ASME" B16.34.
 BODY MATERIAL : CAST CARBON STEEL TO"ASTM" A-216-WCB
 TRIM MATERIAL : "ASTM"A-182 GR.F6 (13%CR)
 STUD MATERIAL : "ASTM" A 193 B7, THREADED TO ANSI B1.1
 ENDS : FLANGED RING JOINT, DRILLED TO ANSI B16.5
 RATING : 600 #
 LOCATION : TO BE USED FOR N.H.T UNIT FEED PUMP 304-P1

REQUIREMENTS:

- A- MATERIAL USED FOR VALVE CONSTRUCTION SHALL BE BRAND NEW AND SHALL MEET THE REQUIREMENTS OF LATEST"ASTM", "ASME" BOILER AND PRESSURE VESSEL CODE APPLICATIONS.
- B- CROSS-SECTIONAL DRAWING FOR EACH VALVE TYPE AND SIZE INCLUDING MATERIAL LIST SHALL BE ENCLOSED WITH SUPPLIER QUOTATION.
- C- CONFIRMATION OF COMPLIANCE WITH HYDROGEN SULFIDE SERVICE.

CERTIFICATION REQUIRED:

MILL TEST CERTIFICATE AND TEST REPORT SHALL BE PROVIDED FOR EACH VALVE AND SHALL INCLUDE THE FOLLOWING TESTS:-
 1- HYDROSTATIC TEST AND LEAKAGE TEST IN ACCORDANCE WITH API 598-LATEST EDITION.
 2- MECHANICAL PROPERTIES AND CHEMICAL ANALYSIS FOR BODY AND BONNET MATERIAL.

General Description 2

15	032C015206	DIA. 6"CHECK VALVE A216 WCB	600# FLANGED R.J		1.000 EA				19000080 OR		15
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General Description 1 030033 Type & Description : Gate valve, solid wedge, OS&Y, rising stem, bolted bonnet and gland, with a back seat bushing permitting repacking with the valve fully open.

Quote Order

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Type	Orig LineNo
General Description 2											
17	032C022103	3" GATE VALVE	A216-WCB,150#,FLANGED R.F		40.000	EA			19000080	OR	17
18	032C022104	4" GATE VALVE	A216-WCB,150#,FLANGED R.F		80.000	EA			19000080	OR	18

General Description 1 030038 Type & Description : Gate valve, OS&Y, rising stem, bolted bonnet, bolted gland with a back seat bushing permitting repacking with the valve fully open.

Code of construction : ASME B16.34

Body material : Cast carbon steel to "ASTM" A-216 GR.WCB

Trim material : "ASTM" A-182 GR.F6 (13%cr.)

Stud& nut material : "ASTM" A193B7, A 194-2H Threaded to ANSI B1.1

Ends : Flanged raised face 125 RMS, drilled to ANSI B16.5

Face to face dimensions : in accordance with ANSI B16.10

Rating : 300 #

Requirements:

A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.

B- The minimum wall thickness shall be not less than values defined in API 600-latest edition and ASME B16.34.

C- The end flanges shall be cast with the body. Flanges attached by welding are not acceptable.

D- Cross-sectional drawing for each valve type and size including material list shall be enclosed with supplier quotation.

E- Confirmation of compliance with Hydrogen Sulfide service.

Certification required:

Mill test certificate and test report shall be provided for each valve and shall include the following tests:-

1- Hydrostatic test and leakage test in accordance with API 598 -latest edition

2- Mechanical properties and chemical analysis for body and bonnet material.

General Description 2

Quote Order

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Type	Orig LineNo
19	032C024103	3" GATE VALVE,A216-WCB,300#,F	LANGED R.F		21.000	EA			19000080	OR	19
20	032C024108	8" GATE VALVE,A216-WCB,300#,F	LANGED R.F		3.000	EA			19000080	OR	20

General Description 1 030055 Type & Description : Globe valve OS&Y, rising hand wheel bolted bonnet, bolted gland with a back seat bushing permitting repacking with the valve fully open.
Code of construction : ASME B16.34
Body material : Cast carbon steel to "ASTM"A-216-WCB
Trim material : Monel
Stud& nut material : "ASTM" A193B7, A 194-2H (Threaded to ANSI B1.1)
Ends : Flanged raised face 125 RMS, drilled to ANSI B16.5
Face to face dimensions : In accordance with ANSI B16.10
Rating : 150 #

Requirements:

A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.

B- The minimum wall thickness shall be not less than values defined in API 600-latest edition and ASME B16.34.

C- The end flanges shall be cast or integrally forged with the body. Flanges attached by welding are not acceptable.

D- Cross-sectional drawing for each valve type and size including material list shall be enclosed with supplier quotation.

E- Confirmation of compliance with Hydrogen Sulfide service according to ANCE MR01-75.

Certification required:

Mill teST certificate to (EN 10204 3.1)shall be provided for each valve and shall include the following tests:-

1- Hydrostatic test and leakage test in accordance with API 598 -latest edition.

Quote Order

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Supplier Offer Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Original Type	Original LineNo
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2- Mechanical properties and chemical analysis for body and bonnet material.
3- Conformity of valve components with NACE MR01-75.

General Description 2

21	032C032103	3" GLOBE VALVE,A216-WCB,150#,F	LANGED R.F		3.000	EA			19000080	OR	21
22	032C032104	4" GLOBE VALVE,A216-WCB,150#,F	LANGED R.F		3.000	EA			19000080	OR	22

General Description 1 030030 Type & Description : Swing Check valve, bolted bonnet
Code of construction : ASME B16.34
Body material : Carbon steel to "ASTM" A-216-WCB
Trim material : "ASTM" A-182-F6 (13%Cr.)
Stud material : "ASTM" A193 B7, threaded to ANSI B1.1
Ends : Flanged raised face 125 RMS, drilled to ANSI B-16.5
Rating : 150 #

Requirements:

-
- A- Material used for valve construction shall be brand new and shall meet the requirements of latest "ASTM", "ASME" boiler and pressure vessel code applications.
 - B- The end flanges shall be cast with the body. Flanges attached by welding are not acceptable.
 - C- Cross-sectional drawing for each valve type and size including material list shall be enclosed with supplier quotation.
 - D- Confirmation of compliance with Hydrogen Sulfide service according to NACE MR01-75.

Certification required:

-
- Mill test certificate and to (EN 10204 3.1) shall be provided for each valve and shall include the following tests:-
- 1- Hydrostatic test and leakage test in accordance with API 598 -latest edition
 - 2- Mechanical properties and chemical analysis for body and bonnet material.
 - 3- Conformity of valve components with NACE MR01-75..

Quote Order

Line No.	VOCAB Number	Description	Part Number	Drawing Number	Ordered Quantity	Supplier Offer Unit	Supplier Offer Unit Price	Supplier Offer Currency Code	Original Order No	Original Type	Original LineNo
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General Description 2 030590 SIZE 2" ONLY COULD BE ACCEPTED WHETHER
 CAST OR FORGED METAL .

23	032C012102	2" SWING CHECK VALVE, 150#	FLANGED R.F.		6.000	EA			19000080	OR	23
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Purchasing Manager :

Remarks of Purchasing Department :

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