

# AZM OILFIELD TECHNOLOGIES

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WE OFFER OCTG ITEMS FOR OIL AND  
GAS DRILLING OPERATION

[www.azmoilfield.com](http://www.azmoilfield.com)

# Introduction of AZM Group

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AZM oilfield Technologies is promoted by a team of highly skilled Oil and Gas sector experts to offer seamless services for Oilfield drilling needs.

AZM has full fledged oilfield tools manufacturing unit which focusses on manufacture of Centralizer, Stop collars, Float equipment, Completion tools and other Casing accessories and downhole tools confirming to API requirements.

We have stake in Drilling and Cementing additive manufacturing unit and are also the authorized marketing agent for API Certified pipe mills from India, China, Russia, Ukraine, Spain, Singapore and Japan.

Our group has attained an unassailable position of leadership in supply and service Industry. We have established our reputation in the global market as a reliable partner for supply of OCTG items, Centralizers, Float Equipment, completion tools and Drilling Chemicals.

Offering full range of items under one roof makes it easy for procurement and drilling team by improving response time ,ensuring faster delivery and execution of every job.

We are working as a de facto procurement department for a number of service companies in Middle east and Africa by executing orders worth 27 Million USD in last two years.



# Product Offered

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## OCTG ITEMS

- Casing
- Tubing,
- Drill pipe,
- Drill Collar,
- Crossover
- Pup Joints
- Drill bit
- Line pipes

## CEMENTING TOOLS

- Centralizer
- Float shoe
- Guide shoe
- Cement Plugs
- Stop collar
- Float Collar
- Reamer shoe
- Centralizer sub

## COMPLETION TOOLS

- Bridge Plug
- Cement retainer
- Casing Packer
- Production Packer
- Liner hanger
- Whip stock
- Wellhead
- Cement head

## FLANGES

- ANSI B16.5
- DIN Flanges
- JIS Flanges
- EN Flanges
- BS Flanges
- Customized Flanges

## FASTENERS

- Anchor Fasteners
- Stud Bolts
- Eye Bolt





A full-page background image of an offshore oil platform at sunset. The platform's yellow and white structure, including a crane and several tall smokestacks, is silhouetted against a bright orange and yellow sky. In the foreground, a yellow walkway with railings leads towards the platform, and a person in a red suit is visible walking on it. The dark blue ocean is visible below.

# OCTG ITEMS

[www.azmoilfield.com](http://www.azmoilfield.com)



## OCTG Items



2-7/8" to 5- 1/2"

Drill Pipe & Drill Collar in  
conventional and Premium thread



7 " to 20"

API 5CT Casing in BTC/LTC/STC &  
Premium Thread



2-3/8" to 5 1/2"

API 5CT Tubing in EUE/NUE &  
Premium Thread

# OCTG Pipes

API SPEC 5CT PSL 1 PSL 2 PSL 3

OD mm (IN)	Steel Grade & Connection Type									
	WT (mm)	V150	J55 - K55	M65	L80-1 L/80-130 R95	N80-1	C90/795	C110	P110	Q125
						/N ADQ				
114.3 (4 1/2")	5.21	S/B	S	S						
	5.69		S/B	S/B						
	6.35		S/L/B	L/B	L/B	L/B	L/B		L/B	
	7.37			L/B	L/B	L/B	L/B		L/B	
	8.56	L/B							L/B	L/B
127 (5")	5.59		S	S						
	6.43		S/L/B	S/L/B						
	7.52		S/L/B	L/B	S/L/B	S/L/B	L/B		S/L/B	
	9.19	L/B		L/B	S/L/B	S/L/B	L/B		S/L/B	L/B
	11.1	L/B		L/B	L/B	L/B	L/B		L/B	L/B
	12.14	L/B			L/B	L/B	L/B		L/B	L/B
	12.7	L/B			L/B	L/B	L/B		L/B	L/B
139.7 (5 1/2")	6.2		S	S						
	6.98		S/L/B	S/L/B						
	7.72		S/L/B	S/L/B	S/L/B	S/L/B	L/B		S/L/B	
	9.17			L/B	S/L/B	S/L/B	L/B		S/L/B	
	10.54	S		L/B	S/L/B	S/L/B	L/B		S/L/B	S/L/B
168.28 (6 5/8")	7.32		S/L/B	S/L/B						
	8.94		S/L/B	S/L/B	S/L/B	S/L/B	L/B		S/L/B	
	10.59			L/B	S/L/B	S/L/B	L/B		S/L/B	
	12.06	L/B			S/L/B	S/L/B	L/B		S/L/B	L/B
177.8 (7")	6.91		S	S						
	8.05		S/L/B	L/B	S/L/B	S/L/B	L/B			
	9.19			L/B	S/L/B	S/L/B	L/B		S/L/B	
	10.36			L/B	S/L/B	S/L/B	L/B		S/L/B	
	11.51			L/B	S/L/B	S/L/B	L/B		S/L/B	
	12.65				S/L/B	S/L/B	L/B		S/L/B	S/L/B
	13.72				S/L/B	S/L/B	L/B		S/L/B	S/L/B
193.67 (7 5/8")	8.33		S/L/B	S/L/B	L/B	L/B	L/B			
	9.52			L/B	L/B	L/B	L/B		L/B	
	10.92			L/B	L/B	L/B	L/B		L/B	
	12.7	L/B			L/B	L/B	L/B		L/B	L/B
	14.27	L/B			L/B	L/B	L/B		L/B	L/B
	15.11	L/B			L/B	L/B	L/B		L/B	L/B
	15.88	L/B			L/B	L/B	L/B		L/B	L/B

# OCTG Pipes

API SPEC 5CT PSL 1 PSL 2 PSL 3

SIZE		STEEL GRADE & CONNECTION TYPE								
OD mm	WT (mm)	V150	J55 - K55	M65	L80-1 L/60-130 R95	N80-1/N800	C80 T85	C110	F110	Q125
(IN)										
219.08 (8 5/8")	6.71		S	S	S					
	7.72		S/L/B	S						
	8.94		S/L/B	S/L/B						
	10.16			S/L/B	L/B	L/B	L/B		L/B	
	11.43			L/B	L/B	L/B	L/B		L/B	
	12.7				L/B	L/B	L/B		L/B	
	14.15	L/B			L/B	L/B	L/B		L/B	L/B
244.48 (9 5/8")	8.94		S/L/B	S/L/B						
	10.03		S/L/B	S/L/B	L/B	L/B	L/B		L/B	
	11.05		L/B	L/B	L/B		L/B		L/B	
	11.99	L/B	L/B	L/B	L/B	L/B	L/B		L/B	L/B
	13.84	L/B			L/B	L/B	L/B		L/B	L/B
	15.11				L/B	L/B	L/B		L/B	
273.05 (10 3/4")	8.89			S/B						
	10.16		S/B	S/B						
	11.43		S/B	S/B						
	12.57				S/B	S/B	S/B		S/B	
	13.84				S/B	S/B	S/B		S/B	
	15.11	S/B					S/B		S/B	S/B
298.45 (11 3/4")	9.52	S/B					S/B		S/B	S/B
	11.05									
	12.42				S/B				S/B	
	13.56	S/B			S/B				S/B	S/B
339.72 (13 3/8")	8.38									
	9.65		S/B	S/B						
	10.92		S/B	S/B						
	12.19			S/B	S/B	S/B	S/B		S/B	
	13.06	S/B			S/B	S/B	S/B		S/B	S/B

# Casing & Tubing

OD : 1.66 - 13 3/8", Wall Thickness 3 - 20 mm			
OUTSIDE DIAMETER / mm (INCH)	NOMINAL WEIGHT / Kgs (PPF)	WALL THICKNESS / mm	STEEL GRADE
42.16 (1.660")	2.09	3.18	J55-Q125
	3.42 (2.30)	3.56	
	4.51 (3.03)	4.85	
48.26 (1.900")	2.4	3.18	J55-Q125
	4.09 (2.75)	3.68	
	5.43 (3.65)	5.08	
	6.58 (4.42)	6.35	
	7.66 (5.15)	7.62	
52.40 (2.063")	3.24	3.96	J55-Q125
	4.5	5.72	
60.32 (2 3/8")	5.95 (4.00)	4.24	J55-Q125
	6.85 (4.60)	4.83	
	8.63 (5.80)	6.45	
	9.82 (6.60)	7.49	
	10.94 (7.35)	8.53	
73.02 (2 7/8")	9.52 (6.40)	5.51	J55-Q125
	11.61 (7.80)	7.01	
	12.80 (8.60)	7.82	
88.90 (3 1/2")	11.46 (7.70)	5.49	J55-Q125
	13.69 (9.20)	6.45	
	15.18 (10.20)	7.34	
114.30 (4 1/2")	14.38 (9.50)	5.21	J55-Q125
	15.73 (10.50)	5.69	
	17.38 (11.60)	6.35	
	19.87 (13.50)	7.37	
	22.69 (15.10)	8.56	
127.00 (5")	17.19 (11.50)	5.59	J55-Q125
	19.69 (13.00)	6.43	
	22.68 (15.00)	7.52	
	27.19 (18.00)	9.19	
	32.13 (21.40)	11.1	
	34.76 (23.20)	12.14	
	36.15 (24.10)	12.7	



# Casing & Tubing

OD: 1.66" - 13 3/8", Wall Thickness 3 - 20 mm

OUTSIDE DIAMETER / mm (INCH)	NOMINAL WEIGHT / Kgs (PPF)	WALL THICKNESS / mm	STEEL GRADE
139.70 (5 1/2")	20.91(14.00)	6.2	J55-Q125
	23.48 (15.50)	6.98	
	25.72 (17.00)	7.72	
	30.05 (20.00)	9.17	
	34.05 (23.00)	10.54	
177.80 (7")	25.60 (17.00)	5.87	J55-Q125
	29.91 (20.00)	6.91	
	34.67 (23.00)	8.05	
	34.67 (23.00)	8.05	
	39.14 (26.00)	9.19	
	43.60 (29.00)	10.36	
	47.92 (32.00)	11.51	
	47.92 (32.00)	11.51	
	52.09 (35.00)	12.65	
	56.10 (38.00)	13.72	
219.08 (8 5/8")	35.72 (24.00)	6.71	J55-Q125
	41.67 (28.00)	7.72	
	47.62 (32.00)	8.94	
	47.62 (32.00)	8.94	
	53.57 (36.00)	10.16	
	59.53 (40.00)	11.43	
	59.53 (40.00)	11.43	
244.48 (9 5/8")	48.07 (32.30)	7.92	J55-Q125
	53.57 (36.00)	8.94	
	59.53 (40.00)	10.03	
	64.74 (43.50)	11.05	
	69.94 (47.00)	11.99	
	79.62 (53.50)	13.84	
273.05 (10 3/4")	48.74 (32.75)	7.09	J55-Q125
	60.27 (40.50)	8.89	
	67.71 (45.50)	10.16	
	75.90 (51.00)	11.43	
	82.59 (55.50)	12.57	
339.72 (13 3/8")	71.43 (48.00)	8.38	J55-Q125
	81.10 (54.50)	9.65	
	90.78 (61.00)	10.92	
	101.19 (68.00)	12.19	

# Drill Pipe



Drill pipe is hollow, thin walled, steel or aluminium alloy piping that is used on drilling rigs, it is hollow to allow drilling fluid to be pumped down the hole through the bit and back up through the annulus. It comes in a variety of sizes, strengths, and wall thicknesses, It is typically 27-32 feet in length(Range 2), Longer range in R3 up to 45 feet are also offered.

Size (in)	Nominal Weight	OD of Pipe Body		Wall Thickness Of Pipe Body		Grade	Upset Type	Conn. Type *
		(IN)	(mm)	(IN)	(mm)			
2 3/8	6.65	2 3/8	60.32	0.28	7.11	EXGS	EU	NC26 (2 3/8 IF)
2 7/8	10.4	2 7/8	73.02	0.36	9.19			NC31 (2 7/8 IF)
3 1/2	13.3	3 1/2	88.9	0.37	9.35			NC38 (3 1/2 IF)
3 1/2	15.5	3 1/2	88.9	0.45	11.4			NC38 (3 1/2 IF)
4	14	4	101.6	0.33	8.38			NC46 (4 IF)
4 1/2	16.6	4 1/2	114.3	0.34	8.56		IEU	NC40 (4 IF)
4 1/2	20	4 1/2	114.3	0.43	10.92			NC46 (4 IF)
5	19.5	5	127	0.36	9.19			NC50 (4 1/2 IF)
5	19.5	5	127	0.36	9.19			5 1/2 FH
5	25.6	5	127	0.5	12.7			NC50 (4 1/2 IF)
5	25.6	5	127	0.5	12.7			5 1/2 FH
5 1/2	21.9	5 1/2	139.7	0.36	9.17			5 1/2 FH
5 1/2	24.7	5 1/2	139.7	0.42	10.54			5 1/2 FH
6 5/8	25.2	6 5/8	168.28	0.33	8.38			6 5/8 FH
6 5/8	27.7	6 5/8	168.28	0.36	9.19			6 5/8 FH

\*Premium connections such as Vamtop, PH6, Tenaris or equivalent are available on request.

# Drill Collar



Drill collars are hollow, thick walled pipe with smaller nozzle, Per Unit Length of the drill collar is typically 4-5 times weight of the drill pipe. Drill collar are offered in all kinds, Round drill collar, spiral drill collar, non magnetic drill collar, square drill collar etc. We offer Drill collar in all variety of conventional and premium thread. Drill collars are available in R2 & R3 length.

Size (INCH)	O.D (mm)	I.D (mm)	Code	Thread	Length (mm)	Weight (KG)
3 1/8	79.4	31.8 (1-1/4)	NC23-31	NC23	9140	298
3 1/2	88.9	38.1 (1-1/2)	NC26-35	NC26	9140	364
4 1/8	104.8	50.8 (2)	NC31-41	NC31	9140/9450	474/490
4 3/4	120.6	50.8 (2)	NC35-47	NC35	9140/9450	674/697
5	127	57.2(2-1/4)	NC38-50	NC38	9140/9450	725/749
6	152.4	57.2 (2-1/4)	NC44-60	NC44	9140/9450	1125/1163
		71.4 (2-13/16)	NC44-60		9140/9450	1022/1056
6 1/4	158.8	57.2 (2-1/4)	NC44-62	NC44	9140/9450	1237/1279
		71.4 (2-13/16)	NC46-62		9140/9450	1134/1172
6 1/2	165.1	57.2 (2-1/4)	NC46-65	NC46	9140/9450	1352/1398
		71.4 (2-13/16)	NC46-65	NC50	9140/9450	1249/1291
6 3/4	171.4	57.2 (2-1/4)	NC46-67	NC46	9140/9450	1471/1521
7	177.8	57.2 (2-1/4)	NC50-70	NC50	9140/9450	1597/1651
		71.4 (2-13/16)	NC50-70		9140/9450	1494/1545
7 1/4	184.2	71.4 (2-13/16)	NC50-72	NC50	9140/9450	1625/1680
7 3/4	196.8	71.4 (2-13/16)	NC56-77	NC56	9140/9450	1895/1960
8	203.2	71.4 (2-13/16)	NC56-80	NC56/6-5/8 REG	9140/9450	2040/2109
8 1/4	209.6	71.4 (2-13/16)	6 5/8 REG	6 5/8 REG	9140/9450	2188/2263
9	228.6	71.4 (2-13/16)	NC61-90	NC61	9140/9450	2658/2748
9 1/2	241.3	76.2 (3)	7 5/8 REG	7 5/8 REG	9140/9450	2954/3054
9 3/4	247.6	76.2 (3)	NC70-97	NC70	9140/9450	3127/3234
10	254	76.2 (3)	NC70-100	NC70	9140/9450	3308/3421
11	279.4	76.2 (3)	8 5/8 REG	8 5/8 REG	9140/9450	4072/4210

Mechanical Properties: < 7inch Drill collar Yield Strength  $\geq$  758 Mpa, Tensile Strength  $\geq$  965 Mpa, Four Time Elongation  $\geq$  13%, Impact Energy Ak  $\geq$  54J, (Single impact work  $\geq$  47 J, Average  $\geq$  54J), Hardness range 285 HB-341 HB

$\geq$  7inch Drill collar Yield Strength  $\geq$  689 Mpa, Tensile Strength  $\geq$  931 Mpa, Four Time Elongation  $\geq$  13%, Impact Energy Ak  $\geq$  54J, (Single impact work  $\geq$  47 J, Average  $\geq$  54J), Hardness range 285 HB-341 HB



# Heavy Duty Drill Collar



Drill collars are hollow, thick walled pipe with smaller nozzle, Per Unit Length of the drill collar is typically 4-5 times weight of the drill pipe. Drill collar are offered in all kinds, Round drill collar, spiral drill collar, non magnetic drill collar, square drill collar etc. We offer Drill collar in all variety of conventional and premium thread. Drill collars are available in R2 & R3 length.

Integral Heavy Weight Drill Pipe								
Size	Outer Diameter	Inside Diameter	Joint Outer diameter	Joint Inside Diameter	Connecting Thread	Slip Max Diameter	Upset Middle Diameter	Min. Drift Diameter
3 1/2	3 1/2	2 1/4	4 3/4	2 1/4	NC38	3 7/8	4	2
		2 1/16	(4 7/8, 5)	2 1/16				1 13/16
4	4	2 1/2	5 1/4	2 1/2	NC40	4 3/16	4 1/2	2 1/4
		2 9/16		2 9/16				2 5/16
4 1/2	4 1/2	2 11/16	6 1/4	2 11/16	NC46	4 11/16	5	2 7/16
		2 3/4		2 3/4				2 1/2
		2 13/16		2 13/16				2 9/16
5	5	3	6 5/8	3	NC50	5 1/8	5 1/2	2 3/4
5 1/2	5 1/2	3 1/4	7	3 1/4	5 1/2 FH	5 11/16	6	3
		3 3/8	(7 1/4, 7 1/2)	3 3/8				3 1/8
		3 7/8		3 7/8				3 5/8
		4		4				3 3/4
6 5/8	6 5/8	4	8	4	6 5/8 FH	6 15/16	7 1/8	3 3/4
		4 1/2	(8 1/4, 8 1/2)	4 1/2				4 1/4
		5		5				4 3/4



A full-page background image of an offshore oil rig at sunset. The rig's yellow and white structure is silhouetted against a bright orange and yellow sky. In the foreground, a yellow walkway with railings leads towards the rig, with a worker in a red suit visible. The dark blue ocean is in the lower half of the frame.

# CEMENTING TOOLS

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# Primary Cementing Equipment

AZM oilfield Technologies is promoted by a team of highly skilled Oil and Gas sector experts to offer seamless services for Oilfield drilling needs.

AZM has full fledged oilfield tools manufacturing unit which focusses on manufacture of Centralizer, Stop collars, Float equipment, Completion tools and other Casing accessories and downhole tools confirming to API requirements.

We have stake in Drilling and Cementing additive manufacturing unit and are also the authorized marketing agent for API Certified pipe mills from India, China, Russia, Ukraine, Spain, Singapore and Japan.

Send us your request on [info@azmoilfield.com](mailto:info@azmoilfield.com) to get more details about our product

- BOW CENTRALIZER
- POSITIVE CENTRALIZER
- SINGLE PIECE
- SEMI -RIGID CENTRALIZER
- TURBOLIZER
- STOP COLLAR
- CEMENT BASKET
- FLOAT SHOE
- FLOAT COLLAR
- CEMENT PLUG
- REAMER SHOE
- GUIDE SHOE
- CENTRALIZER SUB

## Flexible Bow Centralizers





## Positive Centralizers & cement basket

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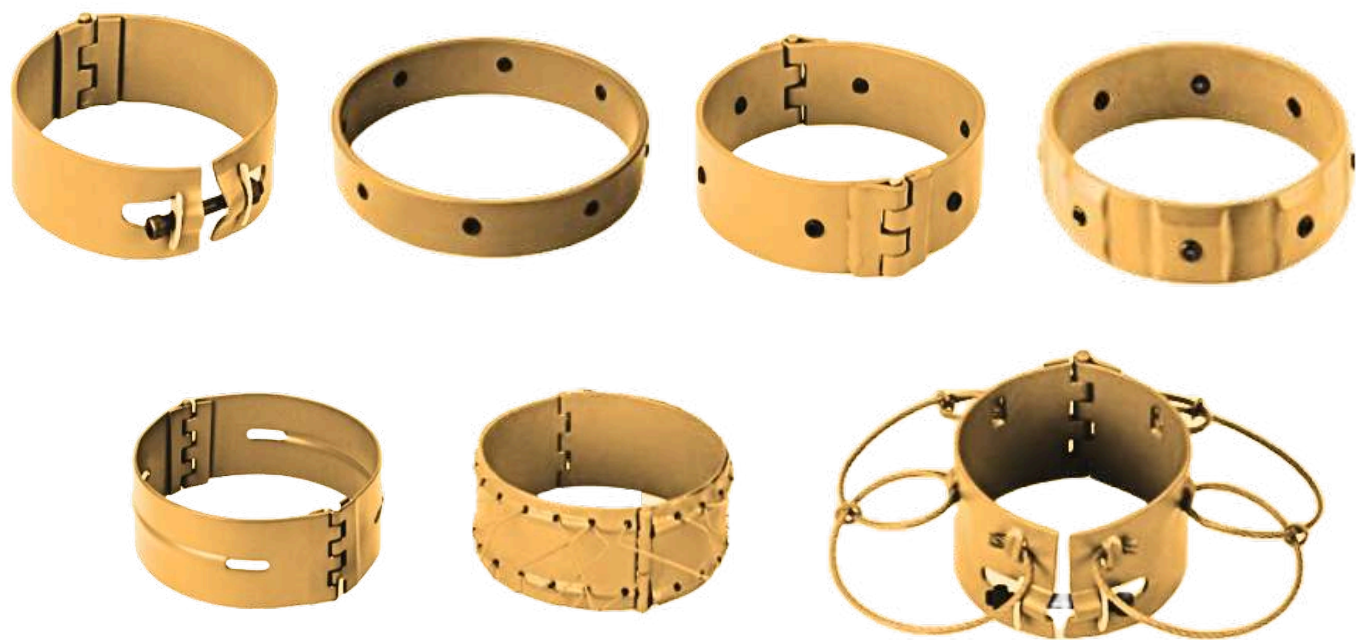
## Rigid Centralizers

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# Stop Collars & Scratchers

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# Float equipment

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# LOGISTICS CAPABILITY

With a wealth of experience in the oil and gas sector, we specialize in handling a wide range of cargo types, including heavy equipment, machinery, drilling materials, and other project-related items.

Our cargo handling services encompass loading, unloading, securing, and transporting goods safely and efficiently to their intended destinations. Whether you require air, sea, or land transportation, our team is equipped to handle diverse cargo requirements with the utmost care and attention to detail.

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# PIPES AT PORT FOR LOADING

AZM has full fledged in house Logistics team which has experience of shipping more than 10,000 MT of OCTG items through Break bulk shipments from Russia, India, China and Europe & more than 100 containers every year to different destination across the globe.

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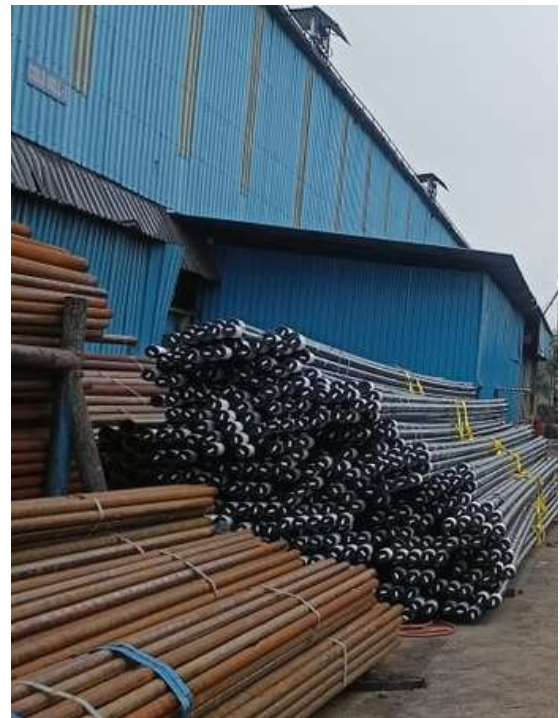
# CARGO HANDLING

AZM has experience of shipping OCTG items and other Oilfield tools through containerized cargo and Break bulk charter ships. We already have experience of shipping high volume cargo through Break bulk vessels.



# WAREHOUSE

AZM has capacity to store huge volume of stock in its warehouse in Mumbai and UAE where pipes of various sizes are stored for faster delivery to clients across the globe.



# ORDER EXECUTED

AZM Group has already executed orders of more than 10,000 MT Casing, Tubing, Conductor pipes, Drill pipes and Drill collars of various sizes and grades with BTC/STC/LTC & Premium connections



# MANUFACTURING UNIT

AZM Oilfield Technologies has its Casing Accessories manufacturing facility in Faridabad, India. It is equipped with all the machines and trained manpower to design and manufacture a wide range of Downhole Tools and Casing accessories.





# Strength Of AZM

- AZM has full fledged in house Logistics team has experience of shipping more than 10,000 MT of OCTG items through Break bulk shipments from Russia, India, China and Europe & more than 100 containers every year across the globe.
- Our Core Strength Lies in expertise of our manpower, we have senior executives with well over 60 year's Cumulative Experience in Oil & gas Drilling and Equipment Manufacturing
- With a wealth of experience in the oil and gas sector, Our expertise in bulk carrier, and containerized cargo handling allows us to provide efficient and reliable solutions for transporting goods and equipment worldwide.
- Our cargo handling services encompass loading, unloading, securing, and transporting goods safely and efficiently to their intended destinations. Whether you require air, sea, or land transportation, our team is equipped to handle diverse cargo requirements with the utmost care and attention to detail.
- AZM has capacity to store huge volume of stock in its warehouse where pipes of various sizes are stored for fast delivery to clients across the region.



# Our Certificates

AZM is An ISO 9001 CERTIFIED ORGANISATION

ISO 9001 : 2015



ISO 14001 : 2015



ISO 45001 : 2018





# AZM OILFIELD TECHNOLOGIES

## OFFICE



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