

TECHNICAL SPECIFICATION

for the procurement of material and technical resources



Technical requirement for procurement of :

No.	Technical description	English Description	Technical characteristics	Standard	JM /Unit of measure	Quantity	ID-NIS ident. number	ZZN	* Certification
1	Muzinin 212 A	Muzinin 212 A	CAS number: 111-42-2 Combination of carbonic acid - alkanolamine - salt Alkanol amides of fatty acids Triethanolamine Packaging requirement: metal barrel 220kg Muzinin 212 A is an additive for water hydraulic systems. In FSK, it is used in the hydraulic baler - press system that operate at a pressure of 300bar. Muzinin 212 A is biodegradable. Muzinin 212 A is should be 45% solution		L	880	8106003	10399633	A4, A6 B1 D1 E6, E7, E8, E9 F2, F5
2									
3									
4									
5									
6									

Attachment/special technical requirements (allowed deviations, specific packaging):

Required documents/ Reference List:

A.Product Test Reports (chemical composition, physical and chemical characteristics):

- Documentation in accordance with SRPS EN 10204/3.1
- Documentation in accordance with SRPS EN 10204/3.2
- Mechanical properties test report
- 3.1. Visual and dimensional inspection
- 3.2. Non Destructive Testing (NDT)
- 3.2.1. Radiography
- 3.2.2. Ultrasound
- 3.2.3. Magnetic particle test
- 3.2.4. Penetrants
- 3.3. Pressure test
- 3.3.1. Hydrstatic otest
- 3.3.2. Pneumatic test

4. Chemical properties test report

- Physical and chemical properties test report

6. CoA-Certificate of Analysis

B. Certificates for applied management systems:

- ISO 9001
- ISO 14001
- ISO 17025
- ISO 45001
- ISO 50001

C. Production quality certificates:

- API
- EN
- ANSI
- GOST
- DIN
- INTI

D. Други сертификати: / Other certificates:

- Material specification
- Certificate of origin

E. Technical documents:

- EX certificates
- Spare parts catalogue
- Instruction manual (in Serbian)
- Maintenance instructions (in Serbian)
- Transport instructions (in Serbian)
- Storage instructions (in Serbian)
- MSDS (Material Safety Data Sheet, in Serbian)
- Data list
- TDS (technical information)
- Manufacturer's certificate confirming that prescribed occupational safety measures have been applied on the device
- Product success certificate
- REACH registration certificate
- Biocidal product

F. Other requirements:

- Warranty/warranty period
- Work life span
- Energy source consumption during exploitation (e.g. natural gas, electrical energy)
- Consumption of support system medium (e.g. steam, water, compressed air)
- Packaging
- Operational spare parts for 2 years
- List of critical (emergency) spare parts required to be stored on site for acceptable repair time
- Factory Acceptance Test (FAT)
- Site Acceptance Test (SAT)
- Operator training
- In case the supplier has INTI equipment certificate or MTR, it is necessary to submit it

Requirements for acceptance testing / Inspection plan

Requirement for acceptance testing is to confirm the quality and quantity in relation to all points of the technical specification by the acceptance control (FSK Laboratory)

Contact technical person responsible for acceptance testing: Nevena Rakić

HSE aspect:

1.Контакт лице саветника за хемикалије Блока наручиоца

Ivana Kosović

2.Контакт лице HSE лице Блока наручиоца

Energy efficiency:

Напомена:

- Није дозвољено навођење произвођача (осим ако је таква спецификација оправдана са становишта предмета уговора),
- Није дозвољено наводити вредност буџета,
- Уколико Тендерска документација, укључујући и техники део тендерске документације, садржи поверљиве податке Друштва, не може се доставити трећим лицима, уколико са њима није преходно потписан уговор о поверљивости у складу са стандардима Друштва
- Уколико технички захтев има утицаја на заштиту пословних података, односно, уколико уноси нови или мења постојећи начин приступа подацима, рада са подацима, њихове обраде или архивирања, неопходно је у технички захтев унети

Наручилац
Nevena Rakić

Име и презиме

Сагласан

Име и презиме