

Purchasing Initiative Western Balkans | 31.05.2017 | Belgrade

Short Profile Purchaser	Purchasing Company 1
Country	Germany/France
Company Name	Airbus Helicopters
Employees buying company	-
Turnover buying company in EUR	-
Correspondence Language(s)	EN
Company-Homepage	Airbushelicopters.com
What is the Company's Industry / Business Sector	Aeronautical
Are you generally interested in Metal Working? Stamped/ turned/ milled/ pressed/ welded parts, tubes, coils, forging, casting (alu, steel, investment, bronze, iron, grey, spheroidal, ...) etc.	yes
Are you generally interested in Plastics / Electronics? pressed, stamped, moulded parts, motors, cable wires, etc.	yes
Are you generally interested in Complementary Goods? O- Rings, screws, ...	no
Are you generally interested in one of the following? paintings, surface treatment, tool construction	yes
Products of current interest	<i>please, list here all products you are currently looking for</i>
Interested in Mass Production	no
Supplier's Export Share (%)	-
Which certificates are a must have for a supplier?	-
Turnover selling company in EUR	-
Employees selling company	-

Short Profile Purchaser	Purchasing Company 7
Country	Germany

Company Name	BLOCK Transformatoren-Elektronik GmbH
Employees buying company	700
Turnover buying company in EUR	70 Mio EUR
Correspondence Language(s)	DE / EN
Company-Homepage	www.block.eu
What is the Company's Industry / Business Sector	Electronic manufacturing (transformers, power supplies, reactors and EMI filters)
Are you generally interested in Metal Working? Stamped/ turned/ milled/ pressed/ welded parts, tubes, coils, forging, casting (alu, steel, investment, bronze, iron, grey, spheroidal, ...) etc.	yes
Are you generally interested in Plastics / Electronics? pressed, stamped, moulded parts, motors, cable wires, etc.	yes
Are you generally interested in Complementary Goods? O-Rings, screws, ...	yes
Are you generally interested in one of the following? paintings, surface treatment, tool construction	no
Products of current interest	<i>We are looking for PCBA (printed circuit board assembly of SMT and THT components) or EMS (Electronics Manufacturing Services)</i>
Interested in Mass Production	yes
Supplier's Export Share (%)	-
Which certificates are a must have for a supplier?	ISO 9001, UL
Turnover selling company in EUR	-
Employees selling company	-

Delegation Tour Serbia | 02.02.2017 | Belgrade

Short Profile Purchaser	Purchasing Company 13
Country	East of Europe
Company Name	Draexlmaier
Employees buying company	25000
Turnover buying company in EUR	53 MIO
Correspondence Language(s)	English, German
Company-Homepage	https://www.draexlmaier.com/en/supplier-portal.html

What is the Company's Industry / Business Sector	Automotive
Are you generally interested in Metal Working? Stamped/ turned/ milled/ pressed/ welded parts, tubes, coils, forging, casting (alu, steel, investment, bronze, iron, grey, spheroidal, ...) etc.	yes
Are you generally interested in Plastics / Electronics? pressed, stamped, moulded parts, motors, cable wires, etc.	yes
Are you generally interested in Complementary Goods? O-Rings, screws, ...	yes
Are you generally interested in one of the following? paintings, surface treatment, tool construction	yes
Products of current interest	<i>production lines, services</i>
Interested in Mass Production	yes
Supplier's Export Share (%)	30%
Which certificates are a must have for a supplier?	ISO 9001 Nice to Have; ISO 14001 Nice to Have; ISO 16949 Nice to Have
Turnover selling company in EUR	0.5MIO
Employees selling company	30

Purchasing Company 19	
Country	Germany
Company Name	GEA Refrigeration Germany GmbH
Employees buying company	285
Turnover buying company in EUR	103 Mio €
Correspondence Language(s)	DE / EN
Company-Homepage	http://www.gearefrigeration.com/de-de/Pages/default.aspx
What is the Company's Industry / Business Sector	Mechanical Engineering
Are you generally interested in Metal Working? Stamped/ turned/ milled/ pressed/ welded parts, tubes, coils, forging, casting (alu, steel, investment, bronze, iron, grey, spheroidal, ...) etc.	yes
Are you generally interested in Plastics / Electronics? pressed, stamped, moulded parts, motors, cable wires, etc.	yes
Are you generally interested in Complementary Goods? O-Rings, screws, ...	no
Are you generally interested in one of the following? paintings, surface treatment, tool construction	no

Products of current interest	<i>Cast parts, Pressure vessels, machined parts</i>
Interested in Mass Production	<i>no</i>
Supplier's Export Share (%)	50
Which certificates are a must have for a supplier?	ISO 9001, ISO 14001, PED - AD 2000 for pressure vessels
Turnover selling company in EUR	5 to 50 Mio €
Employees selling company	100

Short Profile Purchaser	Purchasing Company 25
Country	Germany
Company Name	Keller & Kalmbach
Employees buying company	
Employees buying company	257 Mio.
Correspondence Language(s)	DE/EN/HR
Company-Homepage	http://www.keller-kalmbach.de/
What is the Company's Industry / Business Sector	Automotive, Industry, Rail, Trade, specialist in the area of C-parts management
Are you generally interested in Metal Working? Stamped/ turned/ milled/ pressed/ welded parts, tubes, coils, forging, casting (alu, steel, investment, bronze, iron, grey, spheroidal, ...) etc.	<i>yes</i>
Are you generally interested in Plastics / Electronics? pressed, stamped, moulded parts, motors, cable wires, etc.	<i>no</i>

Are you generally interested in Complementary Goods? O- Rings, screws, ...	yes
Are you generally interested in one of the following? paintings, surface treatment, tool construction	yes
Products of current interest	C-parts
Interested in Mass Production	yes
Supplier's Export Share (%)	
Which certificates	ISO 9001, TS 16949
Turnover selling company in EUR	
Employees selling company	

Short Profile Purchaser	Purchasing Company 31
Country	Germany
Company Name	Leifheit AG
Employees buying company	1000
Employees buying company	230000000
Correspondence Language(s)	DE / EN
Company-Homepage	www.leifheit.de
What is the Company's Industry / Business Sector	household products
Are you generally interested in Metal Working? Stamped/ turned/ milled/ pressed/ welded parts, tubes, coils, forging, casting (alu, steel, investment, bronze, iron, grey, spheroidal, ...) etc.	yes

Are you generally interested in Plastics / Electronics? pressed, stamped, moulded parts, motors, cable wires, etc.	yes
Are you generally interested in Complementary Goods? O- Rings, screws, ...	yes
Are you generally interested in one of the following? paintings, surface treatment, tool construction	yes
Products of current interest	<i>EMS Services, Plugs with Wire and Housing, stalks/tubes, moulded parts</i>
Interested in Mass Production	yes
Supplier's Export Share (%)	-
Which certificates are a must have for a supplier?	-
Turnover selling company in EUR	-
Employees selling company	-

Short Profile Purchaser	Purchasing Company 37
Country	Germany
Company Name	Oeseder Möbelindustrie Mathias Wiemann GmbH & Co.KG
Employees buying company	650
Employees buying company	150.000.000,-€
Correspondence Language(s)	DE/EN/PL
Company-Homepage	www.wiemann-online.com

What is the Company's Industry / Business Sector	Furniture Production
Are you generally interested in Metal working? Stamped/ turned/ milled/ pressed/ welded parts, tubes, coils, forging, castings/ structural investment bearings iron alloy castings/ etc.	<i>no, but single parts chrom plated, according to drawings</i>
Are you generally interested in Plastics / Electronics? pressed, stamped, moulded parts, motors, cable wires, etc.	<i>no</i>
Are you generally interested in Complementary Goods? O- Rings, screws, ...	<i>yes</i>
Are you generally interested in one of the following? paintings, surface treatment, tool construction	<i>no</i>
Products of current interest	<i>veneered boards, panels from european oak, metal parts like legs, knobs, handles for furniture, fronts in mdf, mirrors and glass, furniture fittings, upholstered parts for beds</i>
Interested in Mass Production	<i>yes</i>
Supplier's Export Share (%)	
Which certificates are a must have for a supplier?	E1 for wooden parts
Turnover selling company in EUR	
Employees selling company	5

Short Profile Purchaser	Purchasing Company 43
Country	Germany
Company Name	Stabilus GmbH
Employees buying company	4000
Employees buying company	611mio €
Correspondence Language(s)	DE / EN
Company-Homepage	http://www.stabilus.com/de/

What is the Company's Industry / Business Sector	gas springs/Automotive
Are you generally interested in Metal working? Stamped/ turned/ milled/ pressed/ welded parts, tubes, coils, forging, castings (st. steel, investment, bronze, iron, grey, cast steel, etc.)	yes
Are you generally interested in Plastics / Electronics? pressed, stamped, moulded parts, motors, cable wires, etc.	yes
Are you generally interested in Complementary Goods? O- Rings, screws, ...	yes
Are you generally interested in one of the following? paintings, surface treatment, tool construction	yes
Products of current interest	<i>High precision turning, stamping, welded tubes. Rubber and plastic parts.</i>
Interested in Mass Production	yes
Supplier's Export Share (%)	NA
Which certificates are a must have for a supplier?	9001
Turnover selling company in EUR	above 10mio EUR.
Employees selling company	20

Purchasing Company 2	Purchasing Company 3
	Germany, Serbia, UK
ALD Vacum Technologies GmbH	Ametek
20	15
1.500.000,-€	4.3B \$
e.g. DE / EN	e.g. DE / EN
yes	www.ametek.com
mechanical production (vacuum furnaces - pressure furnaces) control-cabinet	automotive, aerospace, motors
yes	<u>yes</u> / no
yes	<u>yes</u> / no
no	yes / <u>no</u>
yes	<u>yes</u> / no
welded furnaces and control-cabinets	machined par, aluminum casting, sheet metal, finishing treatmans
yes / no	<u>yes</u> / no
0,2	
license for welding pressure and vacuum furnaces	ISO9001, AS
min.3.000.000.-€	1m euro
min. 3	20

Purchasing Company 8	Purchasing Company 9
Germany	Serbia

Bosch Rexroth	ContiTech Fluid Serbia
33.000	approx. 800
5,4 bn	50 Mio EUR
DE / EN	EN
www.boschrexroth.de	http://www.conti-online.com/generator/www/start/com/en/index_en.html
Industrial Applications	Automotive industry
yes	yes
no	yes
no	yes
yes, as part of the scope of Service	yes
<i>steel parts, welded steel parts, steel constructions, machined parts, manufacture of complete (simple) machines including drive units (assembled) also including turned parts</i>	<i>steel parts (carbon steel, stainless steel, aluminum; turning, machining, stamping, fine blanking, deep drawn) rubber, plastic</i>
no	yes
n.a.	1
welding certificate EN 1090 EXC 2 ISO 9001	ISO 9001
-	3 Mio EUR
25	Min. 15

Purchasing Company 14	Purchasing Company 15
Germany	Germany
Dula-Werke Dustmann & Co. GmbH	Eberspächer Exhaust Technology GmbH & Co KG
1060	8000
167 Mio. Euro	3,6 Mrd
German, English	De / EN
www.dula.de	www.eberspaecher.com

Shopfitting / Interieur	Automotive
yes	yes / no
yes	yes / no
no	yes / no
yes	yes / no
wood (as subcontractor), naturalstone, mineralworks, acrylic, glass, upholstery, steel and stainless steel works (welding,	Stampings, progressive dies, transfer dies, manipulated tubes, brackets, casting flunges, sensor bosses, tools, welding jigs,
no	Yes
-	30%
-	Iso 9001 / TS 16949 recommended
-	
more than 10	50

Purchasing Company 20	Purchasing Company 21
Germany & Serbian factory	Germany
GEZE GmbH & GEZE d.o.o.	Hydrotec Technologies AG
2800	100
394 Mio. € (2015/2016)	EUR 50 Mio
DE / EN	DE / EN
http://www.geze.com/	www.hydrotec.com
building automatization	manholecovers
yes	yes
yes	no
yes	yes
yes	no

<ul style="list-style-type: none"> - Stamped parts - turned parts - milled parts - pressed parts - welded parts - tubes - coils steel - casting (zinc, alu, precision casting, steel) - galvanization - hardening -moulded plastic parts - motors - cable wires & PCB Assembly - O-Rings - screws - surface treatment - tool construction 	castiron items (greycast and ductile), steelcovers
yes	yes
-	open
DIN EN ISO 9001	ISO 9001
-	open
> 10	production comanys

Purchasing Company 26	Purchasing Company 27
Germany	Germany
KHS GmbH	Knauf Engineering GmbH
4500	70
1.100.000.000,00	60 Mio. €
DE / EN	DE / EN / RUS
www.khs.com	www.knauf.de
machinery and equipment	Building material industry
yes	YES
no	YES

no	NO
no	NO
turned, milled, cut, welded parts	Silos, Silo dischargers, Screw conveyors, belt conveyors, bucket elevators, dedusting units, dedusting equipment (pipes, filter bags), cellular wheels, control-shutt-off-throttle valves, steel construction, rotary kilns, combustion chambers, steel constructions, welding parts
no	NO
>20%	> 25 %
ISO9001	ISO 9001, CE, Export License
>500.000 €	> 2.500.000 EUR
>30	> 25

Purchasing Company 32	Purchasing Company 33
Germany	Germany
Leopold Kostal GmbH & Co. KG	Maschinenfabrik Reinhausen
18.000 worldwide	3.300
>800 Mio. EUR	750 million
e.g. DE / EN	e.g. DE / EN
www.kostal.de	www.reinhausen.com
Automotive, Non-Automotive	Machine construction/ Transformer
yes, stamped, turned, coils, forging, die casting incl. machining operations	yes

<i>yes, with surface treatments like painting, chrome plating, leathering, flocking, laser etching, pad printing</i>	yes
No	yes
<i>yes, paintings, surface treatments and tool construction</i>	no
<i>plastic parts with diverse surface treatments, metal diecasting parts, stamped and forging parts, turned parts, harnesses,</i>	<i>welding parts, forgings, contact parts, deep drawn parts, casting, turned parts, plastic parts</i>
<i>yes for Automotive</i>	yes
yes	
ISO TS16949, ISO 14001 butat least DIN/ISO9001:yyyy	ISO 9001 or TS16949 ISO 140001
1 Mio. EUR	
>100	>50

Purchasing Company 38	Purchasing Company 39
Germany	Germany
Richard Bergner Holding GmbH & Co. KG	Rittal GmbH
1385	>10.000
190.000.000	
DE / EN	e.g. DE / EN
www.ribe.de	www.rittal.de

electrical fittings, fasteners for automotive	Machinery/ IT
yes	yes
no	yes
yes	yes
yes	yes
<i>especially aluminum forging, steel forging, casting iron and non-iron</i>	<i>Metal parts, plastics, electronics, fasteners, packaging etc</i>
no	yes
50%	n.e.
ISO 9001	DIN/ISO
3.000.000	n.e.
50	

Purchasing Company 44	Purchasing Company 45
Germany	Tetra Pak CEE / Project Management Sites in Hamburg/Germany, Warsaw/Poland, Bucarest/Romania
sudhoff technik GmbH	Tetra Pak Processing GmbH
80	300
28 million €	
DE / EN	EN
www.sudhoff-techni.de	http://www.tetrapak.com/processing

Machinery, Comercial vehicles and others	Food Industry
<i>no</i>	YES
<i>yes / Plastics</i>	NO
<i>yes / O-Rings</i>	NO
<i>no</i>	NO
<i>shaped rubber hoses with and without reinforcement moulded rubber parts</i>	<i>Mechanical and Electrical Installation of Food Machinery/Plant solutions and Stainless Steel machines, tanks and equipment, platforms for Food Industry</i>
<i>yes</i>	NO
15%	
ISO 9001	DIN EN ISP 9606-1 / DIN EN ISO 3834-2 / EN 1090
1,5 million €	
15	

Purchasing Company 4	Purchasing Company 5
Germany	Germany
battenfeld-cincinnati Germany GmbH	BBG Bodenbearbeitungsgeräte Leipzig GmbH & Co.KG
ca. 260	380
ca. 80 Mio €	
DE / EN	e.g. DE / EN
www.battenfeld-cincinnati.com	http://www.amazone.de/
machine building for plastic extrusion	agriculture machinery
yes	<u>yes</u> / no
yes	<u>yes</u> / no
no	<u>yes</u> / no
yes	<u>yes</u> / no
welding parts, machined parts(turning, milling diameter >1250mm), welded and forged rings, constructions of sheet's (INOX and steel)	welding parts, casting parts, forging parts, turning parts and so on...
no	<u>yes</u> / no
not important	
all general certificates	
not important	
not important	

Purchasing Company 10	Purchasing Company 11
Germany	Germany

dexpro GmbH	Diehl Aerospace
	1.100
	330M€
DE / EN / SRB / SLO	english & german
www.dexpro.eu	http://www.diehl-aerosystems.com
mechanical engineering, automotive	Aerospace
yes	<i>Yes, aluminium turned / milled / stemped & bent parts / profiles / mechanical manufacturing services (mechaical assemblies)</i>
yes	<i>Yes, Injection moulding, plastic extrusion, optical parts, cable & wire harness, EMS & PCB Assembly</i>
yes	<i>No</i>
yes	<i>No, metal supplier should cover this</i>
<i>different parts for automotive and mechanical engineering</i>	<i>Aerospace Products: Housing Shells / Profiles</i>
yes	<i>No</i>
	≥ 20%
	ISO 9100 (or at least 9001 + gap audit) ISO 14001 (or equivalent) ISO 27001 nice to have
	≥ 10 - 15M€
	≥ 100

Purchasing Company 16	Purchasing Company 17
Germany	Austria
eibe Produktion und Vertrieb GmbH & Co KG	ENGEL Austria
200	
40Mio	
DE / EN	DE
www.eibe.de	www.engel.at

Playground equipment, furniture	Moulding Machines
yes	yes
yes	no
yes	yes
no	yes
Metallfertigung Vollautomatische Technologie: 3D-Daten (STP-Datei) werden Auftragsbezogen zur Verfügung	<i>please, list here all products you are currently looking for</i>
yes	no
	15
ISO 9001,	
n/a	
	10

Purchasing Company 22	Purchasing Company 3
Germany	Germany
IFA ROTORION Powertrain GmbH	Illig Maschinenbau GmbH & Co. KG
2200	> 700
600000000	> 140 Mio. €
EN	DE / EN
www.ifa-rotorion.com	www.illig.de
	mechanical engineering
yes	YES
no	<i>YES - in Electronic (cable wires + switch cabinet construction)</i>
yes	NO
yes	<i>YES - tool construction (Thermoforming tools)</i>

<i>machining (turning, grinding, broaching) of forged parts, forging parts, rubber-/metalparts, tubes, heattreatment, surface treatment</i>	<i>Mechanical assemblies, Machine frames, Manufacture of complete machinery, Control cabinet, Cylinders and valves, Conveying systems, Bearings, General machine elements, Tool making (thermoforming), Lineartechnik</i>
yes	NO
TS 16949	no specification
equal	
equal	

Purchasing Company 28	Purchasing Company 29
Deutschland	Germany
KOHLHAGE FASTENERS GMBH + Co.	Körber AG
Fasteners 25/Kohlhage gesamt 100	11500(2015)
	2,3B€ (2015)
e.g. DE / EN	DE / EN
www.kohlhage.de	www.koerber.de
Automotive und Befestigungstechnik	<i>machinery manufacture</i>
yes	yes
no	no

no	no
/ no	no
Drehteile, Pressteile, Stanzteile,	Machining parts (turning & milling) Sheet metal (parts & assemblies)
yes	no
90	> 50%
ISO 9001 or TS 16949	
	>80

Purchasing Company 34	Purchasing Company 35
Germany	Germany
MIWE Michael Wenz GmbH	Mosca GmbH
700	700
105 Mio €	105 Mio €
DE / EN	DE / EN
www.miwe.com	www.miwe.com
baking industry	baking industry
yes	yes

yes	yes
no	no
no	no
lasered / punched metall components with added value together with electrical expertise, cables, trafos, motors	lasered / punched metall components with added value together with electrical expertise, cables, trafos, motors
small series production 1-1000 p.a.	small series production 1-1000 p.a.
> 30%	> 30%
none	none
> 3 Mio €	> 3 Mio €
> 50	> 50

Purchasing Company 40	Purchasing Company 41
Italy	Republic of Moldova
Schlegel International (GIESSE S.p.A)	SE Bordnetze LLC
500	4
85.000.000/year	
IT / EN	EN/DE/RO
www.schlegel.com ; www.giesse.it	

international Group in the sector of aluminium window hardware	AUTOMOTIVE
yes	yes
<i>yes: plastis injection</i>	yes
<i>yes: screws, pins</i>	yes
yes	yes
<i>zamak diecastin, aluminum diecasting, plastic injection, metal punching/blanking, screws and pins both standard and/or according to special specification</i>	<i>According to the company needs.</i>
yes	yes
quality certifications: ISO 9001	ISO, Conformity, e.t.c.
	>10

Purchasing Company 46	Purchasing Company 47
Germany	Germany
Wibu Zentralverwaltungs GmbH	Windmüller & Hölscher KG
more than 350	2500
	700.000.000 €
DE / EN	DE / EN
www.wibu-gruppe.de	www.wuh-group.com

wholesaler for old homes and nursing homes, ambulant care	
<i>yes, e.g. glove holder, bedpan, ...</i>	<i>yes</i>
<i>yes, e.g. disposable cups, glove holders, ...</i>	<i>yes</i>
<i>no</i>	<i>no</i>
<i>no</i>	<i>no</i>
<i>glove holder, bedpan, disposable cups, garbage bag, trash bag, catheter sets, bandage, plaster, toilet paper, towel paper</i>	<i>sheet metal parts welding parts electronical cabinets drilling and mining parts</i>
<i>yes</i>	<i>no</i>
	50
	nothing special
	1.500.000 €
	50

Purchasing Company 6
Bulgaria
BHTC EOOD
300
2016 - 45 000 000 EUR
EN
www.bhtc.com
automotive industry
Yes
Yes
Yes
Yes
<p>1. custom-designed automatic production equipment (CNC milling stations, automatic screwing stations, automatic assembly stations, labels stations, end-of line test machines)</p> <p>2. Stamped metal parts, silicon keypads with carbon pil, screws</p>
Yes
ISO/TS16949:2009, ISO9001:2008
<p>1. production equipment - 1 000 000 EUR; 1. Could be les for the mass production materials</p>
<p>1. produciton equipment - 20; 2. Mass production mateials - 15;</p>

Purchasing Company 12

Diehl Defence GmbH & Co. KG
50
300 Mi. EUR
e.g. DE / EN
www.diehl-defence.com
yes
yes
yes
yes
<i>Please see the above mentioned parts</i>
<i>no</i>
no comment
EN 9001, better EN 9100
no comment
no comment



Purchasing Company 18
GERMANY
Festo AG & Co.KG
18000
~1M€
EN
www.festo.com

Pneumatics / Automation / Mecatronics
yes
yes
yes
no
<i>please, list here all products you are currently looking for</i>
yes
min 20%
min ISO 9001
-
min 15

Purchasing Company 24
Germany
JUMO GmbH & Co. KG
2300
220 Mio. €
DE / EN
www.jumo.net
Sensors for Temperatur, Pressure, Liquid a.o.; Measurement and Control Equipment
yes
yes
yes
no

Plastic Moulding Toolings and Parts,
Turned Parts, Stainless Steel Tubes
OD<20mm, Cable, Cable-Assembly

yes

> 50%

DIN EN ISO 9001 | DIN EN ISO 14001

> 500.000€

> 10



Purchasing Company 30

Germany

KROENERT GmbH & Co KG

170

60000000

DE / EN

www.kroenert.de

Machinery Industry

ye

yes

no
yes
<ul style="list-style-type: none"> - sheet metal parts - welded parts with machining - turned and milled parts - stainless steel milling (5 axis up to 3 m) - tothing (gears) - eletric motors - grey cast iron - bronce casting (rings and bars)
no
80
9001;
approx. 2 - 20 Mio €
15



Purchasing Company 36
Germany
MV Engineering
450
35 Mio.
e.g. DE / EN
http://www.mv-engineering.de/de/
Railwayindustry / Aluminium
yes

Steelplants
yes
no
no
no
forging, casting, machining, steel constructions, Assembly units acc. our drawing,
no
25%
ISO 9001. ISO 14001 welding certificates if necessary
50



Purchasing Company 48
Germany (Headquarter, world-wide subsidiaries)
Witzenmann GmbH
4000 (group-wide)
560 million
DE / EN
http://www.witzenmann.de/en/index.jsp

Automotive, Commercial Vehicles, Energy, Aerospace

yes

yes (*plastics*)

yes

yes

formed pipes, deep drawn parts, investment casting, sand casting, elastomer hoses, fine-blanked parts

our range is: small quantities to mass production

In general ISO 9001; for automotive business ISO TS 16949; as per specific