



Type Examination Certificate

- [2] - Directive 2014/34/EU -
Equipment and protective systems intended for use
in potentially explosive atmospheres
- [3] Type Examination Certificate Number: GEX 22 ATEX 1029X Issue 00
- [4] Product: Grinding Tools
- [5] Manufacturer: Safety Tools Allmet AS
- [6] Address: Straume Næringspark
Idrettsvegen 115
5353 Straume
Norway
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] Gexcon Certification AS Certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.
- The examination and test results are recorded in confidential reports referred to in section 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 1127-1:2019 EN ISO 80079-36:2016 EN ISO 80079-37:2016, requirements for equipment
with type of protection constructional safety "c"
Except in respect to those requirements listed at section [18] of the schedule of this certificate.
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to specific conditions of use specified in the schedule to this certificate.
- [11] This Type Examination Certificate relates only to the design of the specified product and not to specific items of equipment subsequently manufactured.
- [12] The marking of the product shall include the following:
 II 2G Ex h IIA T3 Gb

Ole Lund
Gexcon Certification AS
Bergen, 19. December 2023





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[13] **Schedule**

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[15] Description of product:

The product is a modular system of grinding tools consisting of wolfram carbide rotating files, a wolfram carbide grinding disc and air powered angle- and straight grinders. The grinding tools are intended for use in ambient temperatures ranging from -20 °C to +40 °C and do not require any water cooling for the intended use. The system of grinding tools consists of the following parts:

Product Identification	Description
A-0104	Fuji Angle Grinder (FCD-6X-51)
A-0105	Fuji Angle Grinder (FCD-10X-52)
A-0107	Fuji Straight Grinder (FG-2VX-50)
A-0108	Fuji Angle Grinder (FAS-1X-50F)
A-0001	Rotating file - Slim
A-0002	Rotating file - Bow Cone
A-0003	Rotating file - Straight Cone
A-0004	Rotating file - Little Papa
A-0005	Rotating file - Round Boy
A-0006	Rotating file - Al-Ti-Char
A-0007	Rotating file - Shorty
A-0008	Rotating file - Big Papa
A-0009B	Rotating file - Big Boy B
A-0009C	Rotating file - Big Boy C
A-0010	Rotating file - Rough Boy
A-0500	Grinding disc for paint

Rev.	Description	Document number	Date
00	Certification Report	GC-CR-190137	19.12.2023

[17] Specific Conditions of Use:

17.1 Specific Conditions of Use

The Grinding Tools can be used against the following materials: Stainless steel grades 304/316, carbon steels, 6Mo stainless steel, titanium, and aluminium.

The air tools shall be earthed through a conductive or dissipative air supply hose with a resistance to earth of less than 1 MΩ. Maximum allowed air supply pressure is 6.3 bar.

The rotating file *A-0010 – Rough boy* shall only be used with the *A-0108* air tool with a maximum rotational speed of 2000 RPM.

17.2 Routine tests

Not applicable.

[18] Essential Health and Safety Requirements:

In addition to the Essential Health and Safety Requirements covered by the standards listed at item [9], conformity with all other requirements is demonstrated in the relevant reports.

This certificate may only be reproduced in its entirety and without any change



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[19] Drawings and Documents:

Rev.	Title	Document number	Date
06	User Manual Grinding Tools	-	-
-	Corner Drill, Type FCD-6X-51	5412095687	2019-01
04	Corner Drill, Type FCD-10X-52	5412095864	2014.05
-	Straight Grinder, Type FG-2VX-50	G-201-A70-01	2004-07
-	Angle Sander, Type FAS-1X-50F	A-179-A52-00	2006-10
3	A-0001-SLIM	C-0001-001	08.02.2023
4	A-0002-BOW_CONE	C-0002-001	16.06.2023
3	A-0003-STRAIGHT_CONE	C-0003-001	08.02.2023
3	A-0004-LITTLE_PAPA	C-0004-001	08.02.2023
2	A-0005-ROUND_BOY	C-0005-001	31.10.2022
3	A-0006-AL_TI_CHAR	C-0006-001	08.02.2023
3	A-0007-SHORTY	C-0007-001	08.02.2023
3	A-0008-BIG_PAPA	C-0008-001	08.02.2023
3	A-0009B-BIG_BOY_B	C-0009-001	08.02.2023
3	A-0009C-BIG_BOY_C	C-0009-002	08.02.2023
3	A-0010-ROUGH_BOY	C-0010-001	08.02.2023
2	A-0500-GDP	C-0500-001	04.10.2022

[20] Certificate History:

Issue	Reason for revision	Date
00	First issue of Type Examination Certificate.	19.12.2023