

June 16, 2014

Attention: Harold Acord MAASS FLANGE CORPORATION 6202 LUMBERDALE ROAD HOUSTON, TX 77092

The design submission, tracking number 2014-00722, originally received on January 30, 2014 was surveyed and accepted for registration as follows:

0B06472.2 CRN:

**Reg Type:** Addition to Acc. Fitting

Drawing No. : ASME FLANSCHENKATALOG AUSGABE 2000 As Noted

Fitting type: ASME B16.5, B16.47, B16.36 FLANGES

## The registration is conditional on your compliance with the following notes:

This registration includes only flanges which are fully compliant with the latest editions of ASME B16.5, ASME B16.36, and ASME B16.47. British Standard flanges are EXCLUDED from the registration.

'Nominal Pressure' indicated in the catalog and the "lb/sq.in." labels on catalog pages are understood to be the ASME Class designations of flanges; the actual pressure ratings shall be as assigned by the flange standard.

The following materials are EXCLUDED from the registration, as they are not listed in the appropriate tables as being within the scope of the referred flange standards: ASTM C21; ASTM A181; ASTM A182 Gr. F11 Cl. 1; ASTM A182 Gr. F11 Cl. 3; and ASTM A182 Gr. F12 Cl. 1.

This registration covers only flanges manufactured at the plants located at 6202 Lumberdale Road, Houston, Texas and at 507 Highway 90 East, Sealy, Texas.

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3386 or fax (780) 437-7787 or e-mail brandon@absa.ca.

Sincerely,

**BRANDON, GREG** 

Accepted on: June 16, 2014

Expiry Date: June 16, 2024



Celebrating 20 years 1995 – 2015

Accepted on: January 11, 2015

Expiry Date: June 16, 2024

January 11, 2015

Attention: Harold Acord MAASS FLANGE CORPORATION 6202 LUMBERDALE ROAD HOUSTON, TX 77092

The design submission, tracking number 2014-10304, originally received on December 08, 2014 was surveyed and accepted for registration as follows:

CRN: 0B06472.2

Reg Type: Addition to Acc. Fitting

Drawing No. : TABLE I

Fitting type: LINE BLANKS

The registration is conditional on your compliance with the following notes:

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

Registration is based on the understanding that the components are in full compliance with ASME B16.48 Registration covers Tables from I to 18.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,

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STA ATION **Registration of Fittings** 

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

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	VICE	PRESideNT	
(compa	my title, e.g. vice	president, plant manager, cl	chief engineer) (must be in a position of authority

1

Maass FLange ConPORATION (name of manufacturer) of 6202 LumbER DALE Road HOUSTON, TEXAS 77092 located at do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one) comply with the requirements of  $\underline{B16.5}$ ,  $\underline{B16.47}$ ,  $\underline{B16.36}$  which specifies the dimensions, X (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, or are not covered by the provisions of a recognized North American standard and are therefore manufactured to  $\square$ comply with as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification. I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the TUV - Saanland following authority, as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are \_\_\_\_\_\_PiPe\_FLanges In support of this application, the following information, calculations and/or test data are attached: CATALOGS DECLARED before me at MOGISS FLADGE (Bugin the \_\_\_\_\_State TexAS day of January 2014 (Month) (print) SUSAN ROYE SUSAN ROYE NOTARY PUBLIC STATE OF TEXAS (Signature of Applicant)

## For Office Use Only

(sign)

See Acceptance Letter for the comments and/or conditions of registration.

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(For the Administrator/Chief Inspector of Alberta)

To the best of my knowledge and belief, the application meets t	he requirements of the Safety Codes Act and CSA Standard
B51, Clause 4.2, and is accepted for registration in Category	Basadel

2-28-2014

Registration Number: 0 B 0 6 4 7 2 . Date Registered:

(A Commissioner for Oaths)

Expiry Date: JUN 16, 2024 The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.



British Columbia Exempt

# DIRECTIVE

# No: D-B6 070402 3

# EXEMPTION FROM REGISTRATION REQUIREMENTS FOR CATEGORY A, B, C, AND G CATEGORY FITTINGS

This Directive is being issued by a provincial safety manager pursuant to section 30 of the Safety Standards Act.

Date of Issue: April 2, 2007

## General Details

This directive is being issued to exempt Category A, B, C, and G fittings from registration as required by Section 84(2) of the Power Engineers, Boiler, Pressure Vessel and Refrigeration Safety Regulation (PEBPV&RSR) effective May, 1, 2007.

All registrations received before May 1, 2007 will be processed but any received after this date will be returned to the submitter.

## **Specific Details**



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Section 84(2) of the PEBPV&RSR requires that fittings, boilers, pressure vessels and pressure piping be registered with a provincial safety manager of the BC Safety Authority. The specific types of fittings for which this exemption applies are categories A, B, C, fittings and category G capacity certified fittings as listed in CSA B 51 Table 1.

- A Pipe fittings, including couplings, tees, elbows, wyes, plugs, unions, nipples, pipe caps, and reducers
- B All flanges
- C All line valves
- G Certified capacity-rated pressure-relief devices acceptable as primary overpressure protection on boilers, pressure vessels and pressure piping, and fusible plugs.

Pursuant to the power granted to the provincial Safety Manager under Section 84(8) of the PEBPV&RSR, it is hereby directed that category A, B, C, and G fittings, as described above, are exempt from the registration requirements of Section 84(2) of the PEBPV&RSR effective May 1, 2007.

Malcolm Bishop Provincial Safety Manager - Boilers

For more information, contact your local safety officer or visit our web site at:

www.safetyauthority.ca

DIRECTIVE NO: D-B6 070402 3

Page 1 of 2

88 SIXTH STREET, SUITE 400, NEW WESTMINSTER, BRITISH COLUMBIA, CANADA V3L 5B3 Toll Free: 1-866-566-SAFE (7233) Fax: 604 660-6215 Web Site: <u>www.safetyauthority.ca</u> E-mail: <u>info@safetyauthority.ca</u>

FRM-1126-00 (2007/02/07)



B.C. Exempt

## **Relevant Legislation**

Registration of boiler, pressure vessel, fitting and pressure piping design

84 (1) For this section, "pressure retaining equipment" means a boiler or pressure vessel, or pressure piping system.

(2) The design of all boilers, pressure vessels, fittings and pressure piping, to which this regulation applies, must be registered with a provincial safety manager.

(3) Subsection (2) does not apply to pressure piping that is

(a) NPS 3 or less, or

(b) in a fluid plant.

(4) To register a design, the owner, licensed contractor, consulting engineer, manufacturer or designer of the pressure retaining equipment must submit, for review by a provincial safety manager, an application containing all drawings, design specifications, calculations and codes of conformance as required by a provincial safety manager.

(5) Registration of pressure retaining equipment must be obtained before construction is commenced.

(6) If, in the opinion of a provincial safety manager, a design registered under subsection (2) is subsequently found to be defective in any detail, the design must be revised by the person who submitted the design and those revisions must be approved by the provincial safety manager.

(7) The registration of a pressure retaining equipment design does not relieve the equipment manufacturer of liability for the design and construction of the pressure retaining equipment.

(8) A provincial safety manager may exempt fitting designs from registration under subsection (2).

### DIRECTIVE NO: D-B6 070402 3

Page 2 of 2

88 SIXTH STREET, SUITE 400, NEW WESTMINSTER, BRITISH COLUMBIA, CANADA V3L 5B3 Toll Free: 1-866-566-SAFE (7233) Fax: 604 660-6215 Web Site: www.safetvauthority.ca E-mail: info@safetvauthority.ca

FRM-1126-00 (2007/02/07)

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	supporting documentation 4 be made by the person have	N full authority and	Date S	SEP 12, 2014
responsibility for the qu	ailty of the end product.	· · · ·	Signed	Mittin h.
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# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGIS	TRATION OF FITTING DESIGNS
NEW BRUNSWICK NOVA SCOTIA PRINCE EDWARD ISLAND NUNAVUT YUKON NORTHWEST TERRITORIE	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME: MANSS FRICE CORPORATION	
MANUFACTURERS ADDRESS: 6202 LUM DERCALE ROAD HOUSS	TON TEXAS 77092
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A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges	ASME/ANST BIG.5,
C Valves: all line valves: D Expansion joints, flexible connections, and hose assemblies: all types	B16.36, B16.47
E Strainers, filters, separators, and steam traps	BS,3293,
F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or	
pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protect	ion on DINENIOG2-1
boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories	
N Nuclear components: Class 1 Class 2 Class 3 C, (Meeting CNSC or ASME require	(mente)
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DECLARATION:	8
I DAVID GOK (see note 3) employed by MMSS Flange Grand	Tizzand being the person having full authority and
responsibility for the quality of the end product do solemnly declare that the informati	on contained in this form is true and to the best of
my knowledge represents the product for which registration is sought. The dimensio	ns, materials of construction, pressure
temperature ratings, and identification markings are in accordance with the herein na manufacture of these fittings is regulated by a Quality Control Program which extend	amed standards. I further declare that the
or in part and has been verified by <u>TUV</u> Saak land as being su	uitable for that purpose and I make this solemn
declaration conscientiously believing it to be true, and knowing that it is of the same	force and effect as if made under oath.
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Signature of Declarer: A Country A. Country	SILSAN BOYE
This 22 <sup>hd</sup> day of January AD 2014	NOTARY PUBLIC STATE OF TEXAS
This 22 rd day of January AD 2014	
Commissioner of Oaths	Brunswick
or Notary Public: (sign) <u>Resource</u>	DEPT OF PUBLIC SAFETY
This space for Regulatory Authority us	e BOHER & PRESSURE VESSEL ACT
This registration must be revalidated after ten (10) years fro	m the date of acceptance.
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<ol> <li>All fittings shall be registered in the name of the Manufacturer.</li> <li>Each category shall be supported with two Statutory Declaration</li> </ol>	CHIEF BOILER INSPECTOR
forms and one copy of supporting documentation.	DATE: 8/22/2014
3. The declaration shall be made by the person having full authority and	
responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation	BLRS PVS
at a maximum interval of five (5) years.	FITTINGS COMPONENTS

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UNIFORM ST	TUTORY DECLAR	ATION FORM FOR THE REGIST	RATION OF FITTING DESIGNS	
NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR	
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C Valves: all line valves D Expansion joints, flexible (	connections, and hose a	ssemblies all types	B16.36, B16.47	
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UNIFORM STA	TUTORY DECLARA	TION FORM FOR	THE REGISTRATIO	N OF FITTING DESIGNS	
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my knowledge represents	the product for which r	egistration is sought.	The dimensions, mate	rials of construction pressure	.51 ()
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or in part and has been v	epified by 7 LIV S	WAL MANC	as being suitable for	r that purpose and I make this solem	nole
declaration conscientious	ly believing it to be true	and knowing that it	is of the same force an	d effect as if made under oath.	
Signature of Declarer:	turk. (	102	1		
Declared before me at	6200 Linh	while Road Airy	REAL ST.	SUSAN ROYE	
This 22nd day of	January A	D 2014		HOTARY PUBLIC STATE OF TEXAS	
Commissioner of Oaths	<u> </u>		1	12-28-2014	
or Notary Public: (sign)	Suman R.	Cours			
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forms and one copy of su	pporting documentation	6	Signed Jugar	Penny	
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4 Quality control program	ms shall be resubmitted for	r validation	Part Part	152	
at a maximum interval of	five (5) years		& REGUI	ATION Sect 10 - Fittings Rev 10	1 500 1



ONTARIO

14th Floor, Centre Tower 3300 Bloor Street West Toronto, Ontario Canada M8X 2X4 Tel: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.582.8772

www.tssa.org

RECEIVED

OCT 06 2014

ABSA

September12, 2014

CYNTHIA FORMANIUK ALBERTA BOILERS SAFETY ASSOCIATION 9410-20 AVENUE EDMONTON AB T6N 0A4 CA

Service Request Type: BPV-Fitting Registration Service Request No.: 1457668 Your Reference No.: 2014-00722 Registered to: MAASS FLANGE CORPORATION

Dear CYNTHIA FORMANIUK,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN: 0B6472.25R2 Main Design No.: ASME FLANSCHENKATALOG AUSGABE 2000 - ASME B16.5, B16.47, B16.36 FLANGES ONLY Expiry Date: 16-Jun-2024

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

Scope of R1: KINKA catalogue K-500-7 2000.4. Material, pressure temperature rating and end connections per B16.34.

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Kaivan Kia P. Eng., PMP Mechanical Engineer, BPV Tel.: 416-734-3457 Fax: 416-231-6183 Email: <u>kkia@tssa.org</u>

Putting Public Safety First 📰



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In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

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located	1at 6202	Lumb	ER DALE	Road	HOUSTON	TEXAS	7709
			(1	plant address)			
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	materials of const	truction, pressu	ire/temperature ra	tings and ider	tification marking of th	e fittings, or	
	are not covered by	the provision	s of a recognized	North Americ	an standard and are the	refore manufact	tured to
	comply with	÷	as	supported by	the attached data which	h identifies the	dimensions,
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I furth	er declare that the n	nanufacture of	these fittings is co	ontrolled by a	quality control program	n which has bee	n verified by t
follow	ing authority,	TUV - Sa	arland	as bein	g suitable for the manu	facture of these	fittings to the
stated	standard. The fittin	gs covered by	this declaration, f	or which I see	ek registration, are	Pipe FLa	Naes
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DECLARED before me at Maliss FLAPGE Coupin the \_\_\_\_\_State TEXAS of this 22 nd day of January 2014 (Year) (print) SUSAN ROYE NOTARY PUBLIC STATE OF TEXAS Signature of Applicant (sign) Ca 2. 28 201 (A Commissioner for Oaths) For Office Use Only To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and C SA Standard B51, Clause 4.2, and is accepted for registration in Category Registration Number: ( (For the Administrator/Chief Inspector of Alberta) Date Registered: Expiry Date: The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.

Scope, Kkar 1214

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Flanges: all flanges	plings, tees, elbows, Ys, p	plugs, unions, pipe caps, or reducers	ASNE/ANSI BIG.5,
Valves: all line valves Expansion joints, flexible of	connections, and hose ass	semblies, all types	B16.36, B14.47
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+ Pressure retaining compo N Nuclear components: Cla		one of the above categories s 3 El, (Meeting CNSC or ASME requirement	(215
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Government of Saskatchewan

CORRECTIONS, PUBLIC SAFETY AND POLICING EXPAPT

## CODES AND STANDARDS COMPLIANCE

## Registration Requirements for Pressure Fittings

In part, the following explains the requirements in The Boiler and Pressure Vessel Act and Regulations;

#### Objective of Design Registration

The primary objective of Design Registration is to ascertain, within reasonable bounds, that designs submitted for registration under *The Boiler and Pressure Vessel Act* are in compliance with the act, regulations, and relevant codes and standards. One must keep in mind that the owner of the design has ultimate responsibility for its correctness. Registration of a design does not relieve any person who constructs, installs, alters, or repairs a fitting of liability with respect to that design.

#### Design Submission Requirements

Any person who intends to manufacture a fitting for use in Saskatchewan in connection with any boller, pressure vessel, or pressure piping system shall apply for registration of the fitting unless otherwise provided in the regulations (described below). A fitting means a valve, gauge, regulating or controlling device, flange, pipe fitting, nozzle, or thing that is attached to or forms part of a boller, pressure vessel, or pressure piping system. The submissions for registration shall include:

- the design details (drawings, brochures, catalogues, etc. as appropriate) in duplicate;
- · one set of calculations or reports in support of the design (where applicable);
- two Statutory Declaration Forms completed by the manufacturer;
- proof of registration in another Canadian jurisdiction (if applicable);
- · a completed "Application for Registration of Design" form for each design; and
- the prescribed fee as shown in the table below, which is taken from the regulations (cheques or money orders made out in Canadian funds to the "Minister of Finance"). No refund will be given of any fee paid pursuant to an application for registration if the application is denied.

The design details, specifications, and other information submitted shall show enough detail to demonstrate that the design will conform to the code or standard specified in the statutory declaration and that the manufacturer conforms to a quality control program as required by the CSA B51 code.

#### Design Registration Fees for Fittings

Description	Fee
For each size submitted for separate registration	\$60
For a range of sizes on one drawing for collective registration	\$100
For a range of sizes and types listed in a catalogue	\$195
For each addition or revision to a catalogue	\$60

Submissions for registration shall be sent to the Saskatchewan Boiler and Pressure Vessel Safety office in Regina at the following address:

Codes and Standards Compliance Office Ministry of Corrections, Public Safety and Policing Boiler and Pressure Vessel Safety 330 - 1855 Victoria Avenue REGINA SK S4P 3T2

Designs submitted by fax or other electronic means (email) are not accepted at this time.

#### Notes

Design registration will be denoted by the Canadian Registration Number (CRN) assigned to the design. Any number of units may be made to one registered design, unless the code or regulations change to invalidate the registered design or unless the registration limits the number of units that may be built to the design. Registrations of fittings shall be resubmitted for validation ten years after the date of first acceptance.

Note that it is not necessary that the drawings be stamped by a registered Professional Engineer unless the code or design reviewer requires such stamping.

#### Exemptions from Registration Requirements of Fittings

http://www.opsp.gov.sk.ca/Registration-Requirements-for-Pressure-Fittings

2008-09-02

A fitting is not required to be registered in Saskatchewan pursuant to The Boiler and Pressure Vessel Act if:

 it is registered by CSA (Contact: Renzo Pupulin C.E.T. CSA International 178 Rexdale Boulevard TORONTO ON M9W 1R3 Tel 416-747-2345 Fax 416-401-6789 renzo.pupulin@csa-international.org); or

• it is a category A, B, C, or G fitting, as set out in the CSA B51 code

For more information contact: Boiler and Pressure Vessel Safety at (306) 787-1443 (1-866-530-8599 - Toll free in Saskatchewan) or fax (306) 787-9273.

Home / About CPSP / Ministry Overview / Licensing and Inspections / Boiler and Pressure Vessel Safety / Codes and Standards Compliance / Registration Requirements for Pressure Fittings

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UNIFO	RM STATUTORY DECLARA	TION FORM FOR THE REGIS	TRATION OF FITTING DESIGNS
NEW BRUNSWICK	YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIE	
MANUFACTURERS	NAME MOASS FLUE	e Coefficiation	
MANUFACTURERS	ADDRESS 6202 LUM	bERCIALE ROAD HOUS	the TEXAS 77092
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D Expansion joints,	flexible connections, and hose asse separators, and steam traps	mblies all types	816.36, 016.4
F Measuring device	es, including pressure gauges, level	gauges, sight glasses, levels, or	BS,3293,
pressure transmit G Certified capacity	rated pressure relief devices accept	stable as primary over pressure protect	tion on DINEN1092
H Pressure retainin	vessels, piping and fusible plugs ig components that do not fall into or	ne of the above categories	
N Nuclear compone	ents: Class 1 🛛 Class 2 🖸 Class :	3 D. (Meeting CNSC or ASME requin	ements)
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