



***REFERENTIAL FOR WRITING THE
CERTIFICATE OF ANALYSIS (COA) OR
THE CERTIFICATE OF COMPLIANCE.***

DIRECTION OPÉRATIONNELLE ACHAT

1ST OF SEPTEMBER 2024

1. PURPOSE

This referential was created to define the content of the Certificate of Analysis (COA) or Certificate of Compliance required from the supplier for each delivery.

2. SCOPE

This referential is intended for all Raw Material suppliers who deliver Michelin's plants or Michelin's sub-contractors' plants.

3. DEFINITION

COA: Certificate of Analysis is for a single lot.

4. EVOLUTION

This referential cancel and replace the referential:

REF_R2P_004_DOA_V7 "Referential for writing the Certificate of Analysis (COA) or the certificate of compliance" dated June 26, 2017.

The integration of the computerized workflow of the document database in the validation procedure of a new document or a new version of a document.

Other evolutions are highlighted **in blue**.

5. PRINCIPLE

The nature and the content of the requested certificate are defined by Michelin.

The text of the certificate must be written in the language of the country where the product is received, or, by default, in English.

Each COA corresponds to a unique batch. (The analytical results on the COA only concern one lot in particular).

When a batch is delivered in more than one delivery (example: for various Michelin plants), the COA related to the batch must be attached to each delivery.

If one delivery includes several batches, there will be as many COA's as batches.

1 - Supplier Certificate of Analysis “COA” :

Mandatory information	Other information which may be required (non-exhaustive list)	Additional information
Name of the supplier including supplier production site and/or Identification of the supplier production site NIF(1)		(1) Identifier of the supplier production site, Michelin sends the identifier to the supplier Identifier with five digit for Rubber Compounding raw materials and Metal Reinforcements (eg: 12345) Identifier with 7 alphanumeric characters for Textile (eg: FO12345). <i>This identifier is not mandatory for natural rubber products</i>
	Name of the Michelin plant receiving the product (2)	(2) Three-letter alphabetical identifier or full name for the plant. Refer to the list of plants (See attached list).
Product identification: <ul style="list-style-type: none"> • Product code (3) • Lot number (Batch) (4) • Date of Fabrication (Manufacturing date) (5) • Trade name (6) 		(3) Alphanumeric identifier, Michelin gives this identifier to the supplier. <i>Examples: PG00218AB for Rubber compounding raw materials except natural rubber</i> <i>..... Trade Name + packer code for Natural Rubber</i> <i>FM00001AG for wire rod</i> <i>AS12345 AA for steel cord</i> <i>AT76107X08 for Textile</i> (4) Supplier format – Lot number (batch) must be a unique reference number. For natural rubber, Lot number =SMPT batch number (n°Orchid) (5) Date of Fabrication (Manufacturing date) or rolling date and number of rolling format DD/MM/YYYY (6) Trade name mandatory only for Rubber compounding raw materials (Metal and Textile reinforcements are not concerned).
	Description of the receipt: <ul style="list-style-type: none"> • Michelin purchase order number • Total quantity of batch product delivered (7) • Type of packaging and number of units 	(7) Kilogram : Kg
Analytical results (8) of the batch and units (9) for each requested characteristic (Specifications characteristics or specific requests negotiated with the supplier.)	<ul style="list-style-type: none"> • Reminder of specifications • Measurement or calculation methods used 	(8) Michelin gives Michelin code for each characteristic to the supplier through specifications. (9) For each characteristic, supplier measurement unit is same as the one requested in cahier des charges For “Rubber compounding raw materials”: 1 single expected value. For “Textile and metal reinforcements”: <ul style="list-style-type: none"> - Average value and standard deviation - Number of values taken into account in calculation - Minimum and maximum individual values
Name and endorsement of the person responsible for the document (Protected Electronic signature is acceptable only if the name of responsible person appears clearly)	Endorsement date	

2 - Certificate of Compliance :

The content of the Certificate of Compliance is identical to the content of the Certificate of Analysis, except the “**analytical results**” section which is replaced by a “**declaration of compliance.**”

3 – Identifier list of Michelin site :

Zone / Country		Delivery plant	Plant identifier
Eur	Italie/Italia	ALESSANDRIA	ALE
AdN	Etats Unis/United States	ANDERSON	AND
Eur	Espagne/Spain	ARANDA	ARA
AdN	Etats Unis/United States	ARDMORE	ARD
AdN	Etats Unis/United States	ASHEBORO	ASH
Eur	Allemagne/Germany	BAD KREUZNACH	BKR
Eur	France	BASSENS	CSM
Eur	France	BOURGES	URG
AdN	Canada	BRIDGEWATER	BRI
AdS	Brésil/Brazil	CAMPO GRANDE	CGR
Eur	France	CATAROUX	CTX
Asie	Inde/India	CHENNAI	UCH
Eur	France	CHOLET	CHO
AdN	Etats Unis/United States	COLUMBIA	CLB
AdN	Etats Unis/United States	COVINGTON	GEO
Eur	Italie/Italia	CUNEO	CNO
Eur	France	COMBAUDE (Renfort TEXTILE)	CED
AdN	Etats Unis/United States	DOTHAN	DTH
Eur	Italie/Italia	FOSSANO	FOS
AdN	Etats Unis/United States	FORT WAYNE	FTW
Eur	France	GOLBEY/EPINAL	UGO
Eur	France	LES GRAVANCHES	GRV
AdN	Etats Unis/United States	GREENVILLE	US1
Asie	Thaïlande/Thailand	HAT YAI	HTY
Eur	Allemagne/Germany	HOMBURG	HBG
Eur	Allemagne/Germany	KARLSRUHE	KAR
Eur	France	LADOUX	LAD
Asie	Thaïlande/Thailand	LAEM CHABANG	LMC
Eur	Espagne/Spain	LASARTE	UES
AdN	Etats Unis/United States	LEON	MX2
AdN	Etats Unis/United States	LEXINGTON/COLUMBIA (GC+AG)	LXT

AdN	Etats Unis/United States
Eur	France
Asie	Thaïlande/Thailand
AdN	Etats Unis/United States
Eur	Hongrie/Hungaria
Eur	Pologne/Poland
AdN	Canada
AdN	Etats Unis/United States
Eur	France
Asie	Thaïlande/Thailand
AdN	Mexique/Mexico
AdS	Brésil/Brazil
Asie	Thaïlande/Thailand
Eur	France
AdN	Etats Unis/United States
Asie	Chine/China
AdN	Etats Unis/United States
AdN	Etats Unis/United States
Asie	Chine/China
Asie	Chine/China
Eur	France
Eur	Allemagne/Germany
Eur	France
Eur	Serbie/Serbia
Eur	Italie/Italia
AdN	Etats Unis/United States
Eur	Hongrie/Hungary
AdN	Etats Unis/United States
Eur	France
Eur	Roumanie/Roumania
Eur	Espagne/Spain
Eur	Espagne/Spain
AdN	Canada
Eur	Roumanie/Roumania
Eur	Roumanie/Roumania

LOUISVILLE
MONTCEAU
NONGKAE
NORWOOD
NYIREGYHAZA
OLSZTYN
PICTOU
PRIME
LE PUY
PHRAPRADAENG
QUERETARO
RESENDE
BAN-KHAI (RAYONG, Renfort METAL)
ROANNE
US10 – GC at Starr
SHEN YANG
SPARTANBURG
STARR
SHANGHAI (Renfort METAL)
SHANGHAI
TOURS
TREVES
KLEBER TROYES
TIGAR
TURIN STURA
TUSCALOOSA
CARBONPACK
TWEEL at Greenville
VANNES
VICTORIA
VITORIA
VALLADOLID
WATERVILLE
ZALAU
ZALAU (Renfort METAL)

LSU
UMO
NKE
NWD
NYH
OLS
PPC
PR1
CPY
PPD
QUE
RES
RYG
UFR
SCA
SY2
SPA
STA
SWR
SMW
UJO
TRV
TRO
TRP
TST
TUS
TUZ
TW1
VAN
VCT
VIT
VLD
WAT
ZAL
ZAR