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PROCLAMATION

by the

President of the Republic of South Africa

No. R. 33, 2003

AMENDMENT OF SCHEDULE 3 TO THE PUBLIC SERVICE ACT, 1994: SOUTH AFRICAN NATIONAL ACADEMY OF INTELLIGENCE

In terms of section 7 (5) (a) (i) of the Public Service Act, 1994 (promulgated under Proclamation No. 103 of 1994), I hereby amend, with effect from 20 February 2003, on the advice of the Minister for the Public Service and Administration, Schedule 3 to the said Act by the insertion in columns 1 and 2 of Schedule 3, after the words "Independent Complaints Directorate" and "Executive Director: Independent Complaints Directorate", of the words "South African National Academy of Intelligence" and "Chief Executive Officer: South African National Academy of Intelligence", respectively.

Given under my Hand and the Seal of the Republic of South Africa at Pretoria, this Fourth day of April, Two Thousand and Three.

T. M. MBEKI

President

By Order of the President-in-Cabinet:

G. J. FRASER-MOLEKETI

Minister of the Cabinet

PROKLAMASIE

van die

President van die Republiek van Suid-Afrika

No. R. 33, 2003

WYSIGING VAN BYLAE 3 BY DIE STAATSDIENSWET, 1994: SUID-AFRIKAANSE NASIONALE AKADEMIE VAN INTELLIGENSIE

Ingevolge artikel 7 (5) (a) (i) van die Staatsdienswet, 1994 (gepromulgeer deur Proklamasie No. 103 van 1994), wysig ek hierby, met ingang 20 Februarie 2003, op advies van die Minister vir die Staatsdiens en Administrasie, Bylae 3 by vermeldde Wet deur in kolom 1 en 2 van Bylae 3 na die woorde "Onafhanklike Klagtes Direktooraat" en "Uitvoerende Direkteur: Onafhanklike Klagtes Direktooraat" onderskeidelik die woorde "Suid-Afrikaanse Nasionale Akademie van Intelligensie" en "Hoof-uitvoerende beampte: Suid-Afrikaanse Nasionale Akademie van Intelligensie" in te voeg.

Gegee onder my Hand en die Seël van die Republiek van Suid-Afrika te Pretoria, op hede die Vierde dag van April Twee-duisend en Drie.

T. M. MBEKI

President

Op las van die President-in-Kabinet:

G. J. FRASER-MOLEKETI

Minister van die Kabinet

GOVERNMENT NOTICES GOEWERMENTSKENNISGEWINGS

DEPARTMENT OF HEALTH DEPARTEMENT VAN GESONDHEID

No. R. 526

17 April 2003

HEALTH PROFESSIONS COUNCIL OF SOUTH AFRICA

REGULATIONS RELATING TO INTERN MEDICAL TECHNOLOGISTS AND REGISTRATION OF INTERN MEDICAL TECHNOLOGISTS

The Minister of Health intends, under section 61(1), read with sections 24 and 25, of the Health Professions Act, 1974 (Act No. 56 of 1974), in consultation with the Health Professions Council of South Africa, to make the regulations in the Schedule.

Interested persons are invited to submit any comments or presentations on the proposed Regulations to the Director-General: Health, Private Bag X828, Pretoria, 0001 (for attention of the Director: Human Resources Development), within three months of the date of publication of this Notice.

SCHEDULE

Definitions

1. In these Regulations any word or expression to which a meaning has been assigned in the Act shall bear such meaning and, unless the context otherwise indicates -

"internship" means a one year period of training in a medical technology facility approved or accredited by the professional board;

"professional board" means the Professional Board for Medical Technology established by Government Notice No. R. 75 of 16 January 1998;

"the Act" means the Health Professions Act, 1974 (Act No. 56 of 1974

Requirements for registration

2. An applicant for registration as an intern medical technologist shall submit to the registrar –
 - (a) proof that he or she holds a qualification recognised for this purpose by the professional board;
 - (b) proof of having completed education and training as a registered student medical technologist for a minimum period of three years;
 - (c) a formal application for registration as intern-medical technologist; and
 - (d) the registration fee of R55.00

Notification to registrar

3. An intern-medical technologist shall, as soon as he or she assumed duty as an intern-medical technologist in a laboratory, notify the registrar of the fact, furnishing the name of the laboratory and the department in which he or she has assumed duty and shall also notify the registrar beforehand if he or she intends to change from the recorded place of his or her service or training to another laboratory.

Duration of training

4. (1) The training to be undertaken by an intern-medical technologist shall be –

- (a) for a period of not less than one year, and where the training is interrupted the training shall consist of periods not less than one month which, when added together, are not less than one calendar year in total, including leave not exceeding one month's duration;
 - (b) in a laboratory accredited for this purpose by the professional board: Provided that in the event of an internship not being available in an accredited laboratory, the professional board, in its discretion, may approve alternative training which is equivalent to the training in a laboratory accredited by the professional board, which board, in recognising such alternative training, may stipulate that only a specific part of an intern medical technologist's training shall be undertaken in that manner, and that the balance of the internship shall be undertaken in an accredited laboratory;
 - (c) approved by the professional board and be subject to evaluation by the professional board prior to the commencement of such training.
- (2) The professional board may at any time withdraw approval or accreditation of training if they regard the training as inadequate or unsatisfactory, and require that alternative training be undertaken for a specified period.

Validity of registration as intern medical technologist

5. Registration as an intern medical technologist shall be valid for a period not exceeding three years, unless the professional board approves an application for the extension thereof based on exceptional circumstances.

Proof of training for registration as medical technologist

6. An intern-medical technologist shall provide evidence to the satisfaction of the professional board, that he or she has undertaken the training contemplated in regulation 4 before he or she can be registered as a medical technologist.


MINISTER OF HEALTH

DATE: 3-4-2003

RAAD VIR GESONDHEIDSBEROEPE VAN SUID-AFRIKA**REGULASIES BETREFFENDE INTERN MEDIESE TEGNOLOË
EN REGISTRASIE VAN INTERN MEDIESE TEGNOLOË**

Die Minister van Gesondheid is voornemens om kragtens artikel 61(1) gelees met artikels 24 en 25 van die Wet op Gesondheidsberoepe, 1974 (Wet No. 56 van 1974), in oorleg met die Raad vir Gesondheidsberoepe van Suid-Afrika, die regulasies in die Bylae uit te vaardig.

Belanghebbendes word versoek om binne drie maande na die datum van publikasie van hierdie kennisgewing enige kommentaar of vertoë oor die voorgestelde regulasies in te dien by die Direkteur-generaal: Gesondheid, Privaat Sak X828, Pretoria, 0001 (vir aandag van die Direkteur: Mensehulpbronontwikkeling), binne drie maande na die publikasie van hierdie Kennisgewing.

BYLAE**Woordomskrywings**

1. In hierdie Regulasies het 'n woord of uitdrukking waaraan 'n betekenis in die Wet geheg is, daardie betekenis, en, tensy uit die samehang anders blyk, beteken –

"beroepsraad" die Beroepsraad vir Mediese Tegnologie ingestel by Goewermentskennisgewing No. R. 75 van 16 Januarie 1998;

"die Wet" die Wet op Gesondheidsberoepe, 1974 (Wet No. 56 van 1974);

"internskap" 'n tydperk van een jaar opleiding in 'n mediese tegnologiefasiliteit wat deur die beroepsraad goedgekeur of geakkrediteer is.

Vereistes vir registrasie

2. 'n Aansoeker om registrasie as 'n intern mediese tegnoloog moet aan die registrateur voorleë –
 - (a) bewys dat hy of sy beskik oor 'n kwalifikasie wat vir hierdie doel deur die beroepsraad erken word;
 - (b) bewys dat hy of sy vir 'n minimum tydperk van drie jaar onderwys en opleiding voltooi het as geregistreerde student mediese tegnoloog;
 - (c) 'n formele aansoek om registrasie as intern mediese tegnoloog; en
 - (d) die registrasiegeld van R55.00

Verwittiging aan registrateur

3. 'n Intern mediese tegnoloog moet, so gou as wat hy of sy as intern mediese tegnoloog in 'n laboratorium diens aanvaar het, die registrateur van die feit verwittig, en die naam van die laboratorium en die

departement waarin hy of sy diens aanvaar het, verskaf en moet ook die registrateur vooraf verwittig dat hy of sy voornemens is om die aangetekende plek van sy of haar diens of opleiding te verander na 'n ander laboratorium.

Duur van opleiding

4. (1) Die opleiding wat deur 'n intern mediese tegnoloog onderneem gaan word –

(a) moet vir 'n tydperk van minstens een jaar wees, en waar die opleiding onderbreek word, moet die opleiding uit tydperke bestaan van nie korter as een maand nie wat, wanneer dit saamgetel word, nie korter as altesaam een kalenderjaar is nie, met inbegrip van verlof wat nie langer as een maand mag duur nie;

(b) moet geskied in 'n laboratorium wat deur die beroepsraad vir hierdie doel geakkrediteer word: Met dien verstande dat in die geval waar 'n internskap nie in 'n geakkrediteerde laboratorium beskikbaar is nie, die beroepsraad na goeddunke alternatiewe opleiding kan goedkeur wat ekwivalent is aan die opleiding in 'n laboratorium wat deur die beroepsraad geakkrediteer is, welke beroepsraad, wanneer hulle sodanige alternatiewe opleiding goedkeur, kan stipuleer dat slegs 'n spesifieke deel van 'n intern mediese tegnoloog se opleiding op daardie wyse onderneem

moet word, en dat die balans van die internskap in 'n geakkrediteerde laboratorium onderneem moet word;

(c) moet deur 'n beroepsraad goedgekeur wees en moet onderworpe wees aan evaluering deur die beroepsraad voor die aanvang van sodanige opleiding.

(2) Die beroepsraad kan te eniger tyd goedkeuring of akkreditering van opleiding intrek indien hulle die opleiding as onvoldoende of onbevredigend beskou, en kan vereis dat alternatiewe opleiding vir 'n spesifieke tydperk onderneem word.

Geldigheid van registrasie as intern mediese tegnoloog

6. 'n Intern mediese tegnoloog moet, voordat hy of sy as mediese tegnoloog geregistreer kan word, ter oortuiging van die beroepsraad bewys lewer dat hy of sy die opleiding in regulasie 4 beoog, onderneem het.



MINISTER VAN GESONDHEID

DATUM: 3-4-2003

**DEPARTMENT OF LABOUR
DEPARTEMENT VAN ARBEID**

No. R. 520

17 April 2003

LABOUR RELATIONS ACT, 1995

CORRECTION NOTICE

BUILDING INDUSTRY (BLOEMFONTEIN): EXTENSION OF RE-ENACTMENT AND AMENDMENT OF COLLECTIVE AGREEMENT TO NON-PARTIES

The following correction to Government Notice No. R. 215 appearing in *Government Gazette* No. 24367 of 14 February 2003, is hereby published for general information.

In the English text of the Schedule:

5. CLAUSE 12: PROVIDENT FUND

Substitute the expression "amount to 10% of wages" for the expression "increase by 10%", where it appears in the first sentence in subclause (2) (f) on page 57.

No. R. 520

17 April 2003

WET OP ARBEIDSVARHOUDINGE, 1995

VERBETERINGSKENNISGEWING

BOUNYWERHEID (BLOEMFONTEIN): UITBREIDING VAN HERBEKRAGTIGING EN WYSIGING VAN KOLLEKTIEWE OOREENKOMS NA NIE-PARTYE

Onderstaande verbetering aan Goewermmentskennisgewing No. R. 215 wat in *Staatskoerant* No. 24367 van 14 Februarie 2003 verskyn, word hierby vir algemene inligting gepubliseer.

In die Engelse teks van die Bylae:

5. CLAUSE 12: PROVIDENT FUND

Vervang die uitdrukking "amount to 10% of wages" met die uitdrukking "increase by 10%", waar dit in die eerste sin van subklousule (2) (f) op bladsy 57 verskyn.

**DEPARTMENT OF LABOUR
DEPARTEMENT VAN ARBEID**

No. R. 523

17 April 2003

LABOUR RELATIONS ACT, 1995**CORRECTION NOTICE****NATIONAL BARGAINING COUNCIL FOR THE CLOTHING MANUFACTURING
INDUSTRY: EXTENSION OF COUNTRY AREAS COLLECTIVE AGREEMENT
FOR THE WESTERN CAPE REGION TO NON-PARTIES**

The following correction to Government Notice No. R. 234 appearing in Government Gazette No. 24385 of 21 February 2003, is hereby published for general information:

In the Schedule, correct the following printing errors:

1. **Clause 3: DEFINITIONS**

1.1 **"Grade A employee" (page 6)**

Insert the following sub-heading between the definitions "shaper" and "negative maker":

"Screen Printing Operations"

1.2 **"Grade B employee"**

Insert the following sub-heading at the top of page 8 between the definitions of "steambox operator" and "assistant screen maker (engrave)":

"Screen Printing Operations"

2. Clause 10: OVERTIME

- 2.1 Substitute the expression "the hours **so** worked" for the expression "the hours who worked" where it appears in clause 10(5) "**Day of rest:**".

3. Clause 16: ENGAGEMENTS, TERMINATIONS, ABSENCES FROM WORK AND TRANSFERS IN OCCUPATION

- 3.1 Renumber the second clause 16(1)(c) to read 16(1)(g) where it appears after clause 16(1)(f).
- 3.2 Amend the numbering of the last paragraph, following clause 16(9) to read "16(10) This clause shall not apply to a casual employee".

4. Clause 18: TERMINATION OF EMPLOYMENT

- 4.1 Renumber the second subclause (7) "**Trial periods:**" to read "**(8) Trial periods:**"

5. Clause 26: CLOTHING INDUSTRY HEALTH CARE FUND

- 5.1 Renumber the second clause 26(13)(f)(i) to read "26(13)(f)(ii)".

6. Clause 39: TRADE UNION CAPACITY BUILDING FUND

- 6.1 Substitute clause 39(3) for the following: "Every employer shall, in respect of each employee for whom wages are prescribed in the Council's **Main**, Knitting Division and Country Areas Collective Agreements for the Western Cape Region, contribute an amount of 25 cents per week."

**DEPARTMENT OF LAND AFFAIRS
DEPARTEMENT VAN GRONDSAKE****No. R. 521****17 April 2003**

KWAZULU-NATAL INGONYAMA TRUST ACT, 1994 (ACT No. 3 OF 1994)

AMENDMENT OF REGULATION 2

Under section 2A (7) of the KwaZulu-Natal Ingonyama Trust Act, 1994 (Act No. 3 of 1994), I, Angela Thokozile Didiza, Minister of Land Affairs, hereby make the regulation as set out in the Schedule.

A. T. DIDIZA**Minister of Land Affairs****SCHEDULE****Definition**

1. In this Schedule "the Regulations" means the Administrative Regulations published by Government Notice No. R. 1237 of 2 October 1998 as amended by Government Notice No. R. 1198 of 27 September 2002.

2. Regulation 2 of the Regulations is hereby amended by the substitution for subregulation (1) of the following sub-regulation:

- "(1) All members of the Board appointed in terms of section 2A (3) (b) or (c) of the Act shall hold office for a period of four years from the date of his or her appointment in writing: Provided that, should the Minister find it necessary to extend the term of office of the members of the first Board, he or she may extend such term, in writing, to a date not later than 31 March 2004."

No. R. 521**17 April 2003**

KWAZULU-NATAL INGONYAMA TRUST WET, 1994 (WET No. 3 VAN 1994)

WYSIGING VAN REGULASIE 2

Kragtens artikel 2A (7) van die KwaZulu-Natal Ingonyama Trust Wet, 1994 (Wet No. 3 van 1994), vaardig ek, Angela Thokozile Didiza, Minister van Grondsake, hierby die regulasie uit soos uiteengesit in die Bylae.

A. T. DIDIZA**Minister van Grondsake****BYLAE****Woordomskrywing**

1. In hierdie Bylae beteken "die Regulasies" die Administratiewe Regulasies gepubliseer by Goewermentskennisgewing No. R. 1237 van 2 Oktober 1998 soos gesysig by Goewermentskennisgewing No. R. 1198 van 27 September 2002.

2. Regulasie 2 van die Regulasies word hierby gewysig deur subregulasie (1) deur die volgende subregulasie te vervang:

- "(1) Alle lede van die Raad wat ingevolge artikel 2A (3) (b) of (c) van die Wet aangestel is, beklee sy of haar amp vir 'n tydperk van vier jaar vanaf die datum van sy of haar skriftelike aanstelling: Met dien verstande dat, indien die Minister dit nodig vind om die ampstermyn van die lede van die eerste Raad te verleng, hy of sy sodanige termyn, skriftelik, mag verleng tot 'n datum nie later nie as 31 Maart 2004."

**DEPARTMENT OF MINERALS AND ENERGY
DEPARTEMENT VAN MINERALE EN ENERGIE****No. R. 528****17 April 2003****CORRECTION NOTICE**

The Schedule of corrections to Government Notice No. R. 904 appearing in *Government Gazette* No. 23583 of 2 July 2002 is hereby published for public information.

P. MLAMBO-NGCUKA**Minister of Minerals and Energy**

SCHEDULE**Correction of the list of repeals**

1. 10.25.2 (a), under the column headed "CHAPTER 10" is substituted for 10.25.2.

No. R. 529**17 April 2003****MINES AND WORKS ACT, 1956 (ACT No. 27 of 1956)****DECLARATION OF WORK IN NATIONAL INTEREST**

Under section 9 (1) (f) of the Mines and Works Act, 1956 (Act No. 27 of 1956), I, Phumzile Mlambo-Ngcuka, Minister of Minerals and Energy, hereby declare that, in my opinion, the performance on Sundays of work necessary to haul rock, drill for charges in preparation for the blasting operation and maintenance of plant and equipment, for the supply of construction materials to the Port of Ngqura, at the mine known as Transnet – Coega Kop Quarry, situated in the Magisterial District of Uitenhage in the Eastern Cape Province, is necessary in the national interest for a period of three years from 9 March 2003.

P. MLAMBO-NGCUKA**Minister of Minerals and Energy**

**MINISTRY OF SAFETY AND SECURITY
MINISTERIE VIR VEILIGHEID EN SEKURITEIT****No. R. 515****17 April 2003****PRIVATE SECURITY INDUSTRY REGULATION ACT, 2001 (ACT No. 56 of 2001): EXEMPTION IN TERMS OF
SECTION 20 (5) OF THE ACT**

By virtue of the power vested in the Minister for Safety and Security by section 20 (5) of the Private Security Industry Regulation Act, 2001 (Act No. 56 of 2001), I, Vincent Joseph Matthews, hereby determine that The Automobile Association of South Africa (AA) is exempted from the registration obligation as contained in section 20 (1) of the Act on the condition that The Automobile Association of South Africa (AA) is not entitled to use its security officers or make them available to render a security service outside its membership, its own personnel, or beyond the scope envisaged in section 28 (2) of the Act.

Signed at Pretoria on this Fourth day of March 2003.

V. J. MATTHEWS**Deputy Minister for Safety and Security**

DEPARTMENT OF TRADE AND INDUSTRY**No. R. 513****17 April 2003****STANDARDS ACT, 1993****PROPOSED AMENDMENT OF COMPULSORY SPECIFICATION FOR THE
SAFTY OF ELECTRIC CABLES WITH EXTRUDED SOLID DIELECTRIC
INSULATION FOR FIXED INSTALLATIONS**

It is hereby made known under section (22) of the Standards Act, 1993 (Act No. 29 of 1993), that the Minister of Trade and Industry intends to amend the compulsory specification for the safety of low-voltage electric cables published by Government Notice No. R1169 of 24 November 2000, as set out in the schedule.

Any person who wishes to object to the intention of the Minister to thus amend the compulsory specification, shall lodge their objection in writing with the President, South African Bureau of Standards, Private Bag X191, Pretoria, 0001, on or before the date two (2) months after publication of this notice.

A Erwin
Minister of Trade and Industry

SCHEDULE

PROPOSED AMENDMENT OF THE COMPULSORY SPECIFICATION FOR THE SAFETY OF ELECTRIC CABLES WITH EXTRUDED SOLID DIELECTRIC INSULATION FOR FIXED INSTALLATIONS (300 / 500 V TO 1900 / 3300 V)

1 Scope

This standard covers single-core and multi core extruded solid dielectric insulated cables of rated operating voltage (U_0 / U) in the range 300 / 500 V, for use in fixed installations.

2 Definitions

2.1 For the purposes of this specification, the definitions given in SANS 1507 apply.

2.2 **Proof of compliance:** A full safety test report issued by a laboratory accredited by an applicable internationally recognized laboratory accreditation scheme, or in the absence of an accredited laboratory, by a laboratory accepted by the SABS and a Letter of Authority (LOA) as issued by the SABS upon evaluation of the aforesaid full safety test report.

3 Particular requirements

3.1 Electric cables for fixed installations shall comply with the relevant requirements of SANS 1507: 2002. Electric cables with extruded solid dielectric insulation for fixed installations (300 / 500 V to 1900 / 3300 V),

Part 1 : General

Part 2 : Wiring cables

Part 3 : PVC Distribution cables

Part 4 : XLPE Distribution cables

Part 5 : Halogen-free distribution cables

Part 6: Service cables,

as amended from time to time.

4. General requirements

4.1 Proof of compliance:

4.1.1 Proof of compliance shall be made available to the SABS in respect of each item of apparatus covered by the scope of this compulsory specification prior to the sale of such items.

4.1.2 Such proof of compliance shall be made available to the SABS, within 5 working days after a request during inspection by a duly authorized person of the SABS.

4.1.3 Failure to provide such proof of compliance shall constitute reasonable grounds to suspect that the item of apparatus covered by the scope of his compulsory specification, does not comply with the requirement of this compulsory specification.

No. R. 522

17 April 2003

STANDARDS ACT, 1993

PROPOSED COMPULSORY SPECIFICATION FOR PLASTIC CARRIER BAGS AND FLAT BAGS

It is hereby made known under section 22 (3) of the Standards Act, 1993 (Act No. 29 of 1993), that the Minister of Trade and Industry intends to declare the specification for plastic carrier bags and flat bags as set out in the Schedule, to be a compulsory specification.

The purpose of the compulsory specification is to assist the implementation of the Plastic Bags Regulation under Section 24 of the Environmental Conservation Act (Act 73 of 1989) as declared by the Minister of Environmental Affairs and Tourism in Government Notice No. 23393 of 9 May 2002 in order to protect the environment.

Any person, who wishes to object to the intention of the Minister to declare the specification concerned to be a compulsory specification, shall lodge his objection in writing with the President, South African Bureau of Standards, Private Bag X191, Pretoria, 0001, on or before the date two (2) months after publication of this notice.

A. Erwin
MINISTER OF TRADE & INDUSTRY

SCHEDULE

COMPULSORY SPECIFICATION FOR PLASTIC CARRIER BAGS AND FLAT BAGS

1 Scope

- 1.1** This standard specifies requirements for carrier bags and flat bags that are made from thermoplastic materials.
- 1.2** This standard covers plastic carrier bags and flat bags, both domestically produced and imported, for use within the Republic of South Africa.
- 1.3** This standard covers the thickness and printing requirements of these bags.
- 1.4** This standard does not cover bread bags, refuse bags, bin liners, household plastic bags, or primary packaging such as barrier bags.
- 1.5** This standard does not cover plastic bags for export.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this standard. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of that standard, parties to agreements based on this standard are encouraged to take steps to ensure the use of the most recent edition of the standard indicated below. Information on currently valid national and international standards can be obtained from Standards South Africa.

SANS 4591, *Plastics – Film and sheeting – Determination of average thickness of a sample, and average thickness and yield of a roll, by gravimetric techniques (gravimetric thickness)*.

3 Definitions

For the purposes of this standard, the following definitions apply:

- 3.1**
barrier bag
thin or flimsy bag, used to separate incompatible products at the final point of sale, for health, hygiene or transport purposes
- 3.2**
carrier bag
bag constructed with handles, and with or without gussets
- 3.3**
commercial distribution
practice of making plastic bags directly or indirectly available for packaging or carrying of goods
- 3.4**
flat bag
bag constructed without handles, and with or without gussets

3.5**plastic film**

continuous, thin, non-woven membranous skin, or layer of flexible material, made of thermoplastic materials

3.6**primary packaging**

packaging that is in direct contact with the product, and the purpose of which is to contain the product during transport, or handling, to the point of distribution or use

3.7**trade**

the sale of plastic bags to any person including, but not limited to, manufacturers, wholesalers and retailers of goods, for use in the Republic of South Africa

4 Requirements**4.1 Construction and materials**

Plastic bags, offered for trade or commercial distribution as carrier bags or flat bags, shall be made from plastic film consisting of polyethylene or polypropylene.

4.2 Film thickness

When the film thickness of a plastic carrier bag or flat bag is measured in accordance with 6.1, no individual thickness measurement shall be less than 24 µm.

5 Printing requirements**5.1 Types of ink**

5.1.1 Ink used for printing on plastic carrier bags or flat bags shall be classified as one of the following types:

- Type A: Ink that is a single resin based system, based on a co-solvent polyamide.
- Type B: Ink that does not comply with the requirements for type A.

5.1.2 When compliance with the requirements for type A ink (see 5.1.1) is claimed, the claimant shall supply a declaration of conformity with the requirements for type A with each consignment or batch of bags.

5.1.3 When dried ink is tested in accordance with 6.2, type A ink shall not exhibit any change of colour.

5.2 Permitted coverage of printing

5.2.1 For ink of type A, the mass percentage of dried solids of the printed ink, relative to the mass of an unprinted bag, shall not exceed 2,25 %.

5.2.2 For ink of type B, the mass percentage of dried solids of the printed ink, relative to the mass of an unprinted bag, shall not exceed 1,125 %.

6 Test methods**6.1 Film thickness**

Measure the thickness of the plastic film using the method described in SANS 4591, and check the results for compliance with 4.2.

6.2 Type of ink (nitrocellulose spot test)

6.2.1 Principle

A solution of diphenylamine in concentrated sulfuric acid is used to indicate the presence of nitrocellulose. The reagent causes an almost instantaneous formation of a dark blue colour on contact with nitrocellulose.

CAUTION: The substances used for this test are extremely dangerous. Gloves and safety glasses should be used throughout the preparation and use of this solution.

6.2.2 Preparation of test solution

6.2.2.1 Carefully mix together the following ingredients in a conical flask whilst cooling the flask under running water:

- a) 0,5 g diphenylamine ($C_{12}H_{11}N$);
- b) 10,0 g water; and
- c) 30,0 g concentrated sulfuric acid (98 %).

CAUTION: Add the acid slowly to the water.

6.2.2.2 Carefully add a further 60,0 g of concentrated sulfuric acid, and mix gently.

6.2.2.3 Transfer the contents of the flask to a dark glass bottle, and label and date the bottle.

NOTE The solution should have a shelf life of approximately one month. The solution will initially be a yellow/orange colour, and it should be discarded and prepared afresh if it shows any signs of discolouration (which would probably indicate a reaction with light, oxidation or contamination).

6.2.3 Procedure

6.2.3.1 Place one drop of the test solution on a sample of the dried ink to be tested.

6.2.3.2 Check after 30 s for any colour change.

NOTE If the colour changes to dark blue, it indicates the presence of nitrocellulose.

7 Consignment slips and markings

7.1 The following information shall be provided, either in print on each bag, or in the form of a consignment slip included with every consignment or batch of bags:

- a) the name of the manufacturer, importer or distributor (who shall be domiciled in South Africa); and
- b) the country of origin.

7.2 All markings on the consignment slips (or bags) shall be in the English language, at least.

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